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SEQUENCE LISTING

<110> Abuin, Alejandro
Zambrowicz, Brian
Sands, Arthur T.

<120> Novel Murine Polynucleotide Sequences
and Mutant Cells and Mutant Animals Defined Thereby

<130> LEX-0191-USA

<150> US 60/211,230

<151> 2000-06-12

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<170> FastSEQ for Windows Version 4.0

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aaaaa 125

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<212> DNA
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<212> DNA
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<400> 17
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 <212> DNA
 <213> Mus musculus

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<400> 21
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<210> 23
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 <212> DNA
 <213> Mus musculus

<400> 23
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 aaaaaa 126

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 <211> 127
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09880711-061201

<400> 24
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aaaaaaa 128

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<212> DNA
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<210> 30
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 actgtatcct gacca 135

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<400> 32
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 aaaaaa 126

<210> 33
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 <212> DNA
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 <211> 120
 <212> DNA
 <213> Mus musculus



<400> 35
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aaa 123

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<211> 149
<212> DNA
<213> Mus musculus

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<213> Mus musculus

<400> 41
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 cagggaaaaag aa 252

<210> 44
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 <212> DNA
 <213> Mus musculus

<400> 44
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 aaaa 124

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<211> 125
<212> DNA
<213> Mus musculus

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aaaaa 125

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<212> DNA
<213> Mus musculus

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<212> DNA
<213> Mus musculus

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aaaaa 125

<210> 51
<211> 127
<212> DNA
<213> Mus musculus

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aaaaaaaaa 127

<210> 52
<211> 127

09080711.061201



<212> DNA

<213> Mus musculus

<400> 52

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<211> 133

<212> DNA

<213> Mus musculus

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<211> 125

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<211> 153

<212> DNA

<213> Mus musculus

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<212> DNA

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<213> Mus musculus



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<212> DNA
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tggaaccata agccaaataa acccttcctt ccataaaaaa aaaa 104

<210> 64
<211> 117
<212> DNA
<213> Mus musculus

<400> 64
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actcttgtgc ttttgaacc ataagccaaa taaacccttc ctccataaa aaaaaa 117

<210> 65
<211> 129
<212> DNA



<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(129)

<223> n = A,T,C or G

<400> 65

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aaaaaaaa 129

<210> 66

<211> 117

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(117)

<223> n = A,T,C or G

<400> 66

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<210> 67

<211> 126

<212> DNA

<213> Mus musculus

<400> 67

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aaaaaa 126

<210> 68

<211> 119

<212> DNA

<213> Mus musculus

<400> 68

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tgatggacta taccctagca ttccagtcaa aataaagcta acttgcccaa aaaaaaaaa 119

<210> 69

<211> 126

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 69

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ccaggacaga ctcttgtgct tttggaacca taagccannt aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 70

<211> 102

<212> DNA

098074 06 1994

<213> Mus musculus

<400> 70

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<210> 71

<211> 150

<212> DNA

<213> Mus musculus

<400> 71

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<210> 72

<211> 126

<212> DNA

<213> Mus musculus

<400> 72

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aaaaaa 126

<210> 73

<211> 123

<212> DNA

<213> Mus musculus

<400> 73

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aaa 123

<210> 74

<211> 126

<212> DNA

<213> Mus musculus

<400> 74

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 75

<211> 136

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(136)

<223> n = A,T,C or G

<400> 75

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<210> 76

<211> 116

<212> DNA

<213> Mus musculus

<400> 76

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<210> 77

<211> 151

<212> DNA

<213> Mus musculus

<400> 77

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cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt 120
gatgtgaatg aaaatatatc ttgttcactg a 151

<210> 78

<211> 126

<212> DNA

<213> Mus musculus

<400> 78

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aaaaaaa 126

<210> 79

<211> 116

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(116)

<223> n = A,T,C or G

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<210> 80

<211> 127

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(127)

<223> n = A,T,C or G

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accaggacag actcttgctg ttttggaacc ataagccaaa taannccctc cttccataaa 120
aaaaaaaa 127

<210> 81

<211> 113

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(113)
 <223> n = A,T,C or G

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<210> 82
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 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

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 taccangaca gactcttgtg cttttggaac cataagccaa atnaaccctt ctttcataa 120
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<210> 83
 <211> 113
 <212> DNA
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<220>
 <221> misc_feature
 <222> (1)...(113)
 <223> n = A,T,C or G

<400> 83
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<210> 84
 <211> 208
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(208)
 <223> n = A,T,C or G

<400> 84
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 ggacagaaaa tggcgngct gaagccctgt gggagcccag aagagtgtga gttccacatg 180
 ctggacacat taaagagttt atgtatac 208

<210> 85
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 85
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 aaa 123

<210> 86

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<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 86
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gacagactct tgtgcttttg gaaccataag ccaaataaac ccttccttcc ataaaaaaaaa      120
aa                                          122

<210> 87
<211> 106
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G

<400> 87
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<210> 88
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 88
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<210> 89
<211> 127
<212> DNA
<213> Mus musculus

<400> 89
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aaaaaaa                                  127

<210> 90
<211> 126
<212> DNA
<213> Mus musculus

<400> 90
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ccaggacaga ctcttgtgct ttttggaacca taagccaaat aaacccttcc ttccataaaa      120
aaaaaa                                  126

<210> 91

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<211> 150
 <212> DNA
 <213> Mus musculus

<400> 91
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 atgtgaatga aaatatatct tgttcactga 150

<210> 92
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 92
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 aaaaaa 126

<210> 93
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 93
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 caagaggaaa ggggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
 actgtatcct gacca 135

<210> 94
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 94
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 aaaaaa 126

<210> 95
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 95
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 gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa 120

<210> 96
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 96
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 aaaaaa 126

<210> 97
 <211> 126
 <212> DNA
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09880741-061004



<400> 97
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aaaaaa 126

<210> 98
<211> 124
<212> DNA
<213> Mus musculus

<400> 98
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aaaa 124

<210> 99
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<212> DNA
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<400> 99
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actgtatcct gacca 135

<210> 100
<211> 120
<212> DNA
<213> Mus musculus

<400> 100
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<210> 101
<211> 102
<212> DNA
<213> Mus musculus

<400> 101
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<210> 102
<211> 134
<212> DNA
<213> Mus musculus

<400> 102
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tgcaaaaaaa aaaa 134

<210> 103
<211> 126
<212> DNA
<213> Mus musculus

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 104
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 <212> DNA
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<220>
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 tgggctaccc tttgaagagg agagatgcag 150

<210> 105
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 105
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 aaaaaa 126

<210> 106
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 106
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<210> 107
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 107
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<210> 108
 <211> 126
 <212> DNA
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<210> 111
<211> 126
<212> DNA
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<210> 112
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<212> DNA
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<220>
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<222> (1)...(121)
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a 121

<210> 113
<211> 151
<212> DNA
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<210> 114
<211> 119
<212> DNA
<213> Mus musculus

<400> 114
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<210> 115
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<222> (1)...(121)

<223> n = A,T,C or G

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<210> 116

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<212> DNA

<213> Mus musculus

<400> 116

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<212> DNA

<213> Mus musculus

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<400> 118

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<222> (1)...(131)
<223> n = A,T,C or G

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aaaaaa 126

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aaaaaa 126

<210> 132
<211> 126
<212> DNA
<213> Mus musculus

<400> 132
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 133
<211> 131
<212> DNA
<213> Mus musculus

<400> 133
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ccctaccagg acagactctt gtgcttttgg aaccataagc caaataaacc cttccttcca 120
taaaaaaaaa a 131



<210> 134
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 134
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ggacagactc ttgtgctttt ggaaccataa gccanataaa cccttccttc cataa 115

<210> 135
<211> 123
<212> DNA
<213> Mus musculus

<400> 135
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ggacagactc ttgtgctttt ggaaccataa gccaaataaa cccttccttc cataaaaaaa 120
aaa 123

<210> 136
<211> 123
<212> DNA
<213> Mus musculus

<400> 136
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ggacagactc ttgtgctttt ggaaccataa gccaaataaa cccttccttc cataaaaaaa 120
aaa 123

<210> 137
<211> 126
<212> DNA
<213> Mus musculus

<400> 137
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ccaggacaga ctcttgctgt tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 138
<211> 153
<212> DNA
<213> Mus musculus

<400> 138
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agtcccccaa gccagtgag cagttcaaat ataaaaccgc acataacaag aaaagtgaag 120
caccatgaaa ctcttgcttg attaaaaaaa aaa 153

<210> 139
<211> 187
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(187)
<223> n = A,T,C or G

<400> 139
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acagactgat gccnacctga ntatatgaac ttctggtgtg atgtgaatga aaatataatct 120
ngntcactga canannnatg caaanctgaa tatangaact tctygtgtga tgtgaatgaa 180
aatatat 187

<210> 140
<211> 126
<212> DNA
<213> Mus musculus

<400> 140
ggtgtgagct ctctgcttgc tgetccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 141
<211> 126
<212> DNA
<213> Mus musculus

<400> 141
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 142
<211> 126
<212> DNA
<213> Mus musculus

<400> 142
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 143
<211> 108
<212> DNA
<213> Mus musculus

<400> 143
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gacagactct tgtgcttttg gaaccataag ccaaataaac ccttcctt 108

<210> 144
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 144
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aactgtatcc tgaccaa 137

<210> 145
<211> 128
<212> DNA

<213> Mus musculus

<400> 145

aaggtgtgag ctctctgctt gctgctccag tcgctgtgct tgcctgctgt ggtgcctccc 60
taccaggaca gactcttgtg cttttggaac cataagccaa ataaaccctt cttccataa 120
aaaaaaaa 128

<210> 146

<211> 135

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 146

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caagaggaaa gggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gacca 135

<210> 147

<211> 120

<212> DNA

<213> Mus musculus

<400> 147

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acgactcttg tgcttttgga accataagcc aaataaacc ttccttccat aaaaaaaaaa 120

<210> 148

<211> 126

<212> DNA

<213> Mus musculus

<400> 148

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 149

<211> 126

<212> DNA

<213> Mus musculus

<400> 149

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 150

<211> 126

<212> DNA

<213> Mus musculus

<400> 150

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 151

<211> 126



<212> DNA
<213> Mus musculus

<400> 151
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 152
<211> 126
<212> DNA
<213> Mus musculus

<400> 152
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 153
<211> 331
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(331)
<223> n = A,T,C or G

<400> 153
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ttannngaatt gntncaccn nncgntgnac nnacaangan gcanaacnga cgtcancctac 120
actnagctan tgnanntgna tgccenttat gctgagtga gccaancgn aatctggcct 180
gncactagcn tccagtntag ggaggcagga acactgagan taatcaagaa atcaaaggag 240
tttgacagccg gctacaacgt caagtttgac atgtacagca agatctgtgt aaatggggac 300
gatgccacc cactgtggaa atggatgaaa g 331

<210> 154
<211> 126
<212> DNA
<213> Mus musculus

<400> 154
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 155
<211> 126
<212> DNA
<213> Mus musculus

<400> 155
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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 156
<211> 287
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(287)
 <223> n = A,T,C or G

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 tgtgaacaaa tagaccgtct ggtattataa aacacaaatg nacanaentn tngcctttct 180
 atgtcatcc ttctactcat cctcttacta ctttctgttc catgtgtcgn acctaggct 240
 caccacaggn caaccttatt gcctcactca caaaagtatt tataata 287

<210> 157
 <211> 112
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(112)
 <223> n = A,T,C or G

<400> 157
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<210> 158
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 158
 ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgtgtgtg tgccctcccta 60
 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 159
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 159
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 gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa 120

<210> 160
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 160
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 161
 <211> 126
 <212> DNA
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<400> 161
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 aaaaaa 126

<210> 162
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 <212> DNA
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<400> 162
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 163
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 163
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 ccagtgaagt gaccctggaa acagactgat gccaaactga atatattgaac ttcttggtgtg 120
 atgtgaatga aaatatatct tgttcaactga 150

<210> 164
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 164
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 165
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 165
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 caggacagac tcttgtgctt ttggaaccat aagccaaata aacccttct tccataaaaa 120
 aaaaa 125

<210> 166
 <211> 101
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 166
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<210> 167
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 167
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 aaaaaa 127

<210> 168
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 168
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 accaggacag actcttgtgc ttttggaacc ataagccaaa taaacccttc cttccataaa 120
 aaaaaaa 127

<210> 169
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 169
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 aaaaaa 126

<210> 170
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 170
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 aaaaaa 126

<210> 171
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
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 <222> (1)...(134)
 <223> n = A,T,C or G

<400> 171
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 gaccacctga aaaa 134

<210> 172
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 172
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 tgtgaatgaa aatatatctt gttcactga 149

<210> 173
 <211> 126
 <212> DNA

<213> Mus musculus

<400> 173

<210> 174

<212> DNA

<220>

<222> (1)...(123)

<400> 174

<210> 175

<212> DNA

<400> 175

<210> 176

<212> DNA

<400> 176

<210> 177

<212> DNA

<400> 177

<210> 178

<212> DNA

<400> 178

<210> 179

<211> 119
 <212> DNA
 <213> Mus musculus

<400> 179
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<210> 180
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 180
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 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 181
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 181
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 a 121

<210> 182
 <211> 139
 <212> DNA
 <213> Mus musculus

<400> 182
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 ggggggatgg aaggaaaacc tgcagccacc aacacaataa acacaataaa ctgtatcctg 120
 accacctcaa aaaaaaaaaa 139

<210> 183
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 183
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 actgtatcct gaccacctca aaaaaaaaaa 150

<210> 184
 <211> 108
 <212> DNA
 <213> Mus musculus

<400> 184
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 cttttggaac cataagccaa ataaaccctt ctttcataa aaaaaaaaaa 108

<210> 185
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 185



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gagggcaaga ggaaagggg ggatggaag aaaccctgca gccaccaaca caataaacac 120
aataaactgt atcctgacca 140

<210> 186
<211> 128
<212> DNA
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<400> 186
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aaaaaaaa 128

<210> 187
<211> 121
<212> DNA
<213> Mus musculus

<400> 187
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cgtgatggac tataccctag cattccagtc aaaataaagc taacttgccc aaaaaaaaaa 120
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<210> 188
<211> 127
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aaaaaaa 126

<210> 190
<211> 150
<212> DNA
<213> Mus musculus

<400> 190
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<210> 191
<211> 128
<212> DNA
<213> Mus musculus

<400> 191
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aaaaaaaa 128



<210> 192
<211> 123
<212> DNA
<213> Mus musculus

<400> 192
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aaa 123

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aaaaaa 126

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aaaaaa 126

<210> 195
<211> 128
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aaaaaaaa 128

<210> 196
<211> 154
<212> DNA
<213> Mus musculus

<400> 196
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<212> DNA
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<210> 198
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<212> DNA

098074-06404

<213> Mus musculus

<400> 198

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aaaaaa 126

<210> 199

<211> 126

<212> DNA

<213> Mus musculus

<400> 199

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ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 200

<211> 126

<212> DNA

<213> Mus musculus

<400> 200

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aaaaaa 126

<210> 201

<211> 145

<212> DNA

<213> Mus musculus

<400> 201

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aactcttggt tgattaaaaa aaaaa 145

<210> 202

<211> 126

<212> DNA

<213> Mus musculus

<400> 202

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aaaaaa 126

<210> 203

<211> 119

<212> DNA

<213> Mus musculus

<400> 203

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<210> 204

<211> 134

<212> DNA

<213> Mus musculus

<400> 204

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<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(315)

<223> n = A,T,C or G

<400> 210

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ccaaaccaac	caaccaatca	atgagaacca	accaaccaac	caaccaacca	atgagaacca	180
accaatgaga	accaaccaat	gagaaccaac	ccaaggaac	agaggaagca	caagaaggat	240
gacaggaaca	ttttttactt	ttctttctgc	tattgaaggc	gaggcattaa	agttgaagtq	300
ctattaaaaa	aaaaa					315

<210> 211

<211> 126

<212> DNA

<213> Mus musculus

<400> 211

ggtgtgagct	ctctgcttgc	tgctccagtc	gctgtgcttg	cctgctgtgg	tgccctcccta	60
ccaggacaga	ctcttgtgct	tttggaacca	taagccaaat	aaacccttcc	ttccataaaa	120
aaaaaa						126

<210> 212

<211> 127

<212> DNA

<213> Mus musculus

<400> 212

aggtgtgagc	tctctgcttg	ctgtccagtc	cgctgtgctt	gcctgctgtg	gtgcctccct	60
accaggacag	actcttgtgc	ttttggaacc	ataagccaaa	taaacccttc	cttccataaa	120
aaaaaaa						127

<210> 213

<211> 126

<212> DNA

<213> Mus musculus

<400> 213

ggtgtgagct	ctctgcttgc	tgctccagtc	gctgtgcttg	cctgctgtgg	tgccctcccta	60
ccaggacaga	ctcttgtgct	tttggaacca	taagccaaat	aaacccttcc	ttccataaaa	120
aaaaaa						126

<210> 214

<211> 122

<212> DNA

<213> Mus musculus

<400> 214

ggtgtgagct	ctctgcttgc	tgctccagtc	gctgtgcttg	cctgctgtgg	tgccctcccta	60
ccaggacaga	ctcttgtgct	tttggaacca	taggccaaat	aaacccttcc	ttccataaaa	120
aa						122

<210> 215

<211> 127

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(127)

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<223> n = A,T,C or G

<400> 215

ggtgtgagtt tgatgccant tgetccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
ccaggacacg actcttgtgc ttttggaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaaa 127

<210> 216

<211> 127

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(127)

<223> n = A,T,C or G

<400> 216

agggtgtgagc tctctgctng ctgctccagt cgctgtgctt gcctgctgtg gtgcctccct 60
accaggacag actcttgtgc ttttggaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaaa 127

<210> 217

<211> 131

<212> DNA

<213> Mus musculus

<400> 217

ttaaagggtgt gagctctctg cttgctgctc cagtcgctgt gcttgcttgc tgtggtgcct 60
ccctaccagg acagactctt gtgcttttgg aaccataagc caaataaacc cttccttcca 120
taaaaaaaaa a 131

<210> 218

<211> 150

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 218

ctgaagagga gaatcccaga ttgccttcac tcacaggatc tggcagncag agccccgagt 60
cccccaagcc cagtgaagcag ttcaaatata aaaccgcaca taacaagaaa agtgaagcac 120
catgaaactc ttgtttgatt aaaaaaaaaa 150

<210> 219

<211> 126

<212> DNA

<213> Mus musculus

<400> 219

ggtgtgagct ctctgcttgc tgetccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
ccaggacaga ctctcgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 220

<211> 126

<212> DNA

<213> Mus musculus

<400> 220



<210> 227
<211> 126
<212> DNA
<213> Mus musculus

<400> 227
ggtgtgagct ctctgcttgc tgetccagtc gctgtgcttg cctgctgtgg tgccctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 228
<211> 126
<212> DNA
<213> Mus musculus

<400> 228
ggtgtgagct ctctgcttgc tgetccagtc gctgtgcttg cctgctgtgg tgccctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 229
<211> 127
<212> DNA
<213> Mus musculus

<400> 229
aggtgtgagc tctctgcttg ctgctccagt cgctgtgctt gcctgctgtg gtgcctccct 60
accaggacag actcttgtgc ttttgggaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaaa 127

<210> 230
<211> 127
<212> DNA
<213> Mus musculus

<400> 230
aggtgtgagc tctctgcttg ctgctccagt cgctgtgctt gcctgctgtg gtgcctccct 60
accaggacag actcttgtgc ttttgggaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaaa 127

<210> 231
<211> 419
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(419)
<223> n = A,T,C or G

<400> 231
aggtagtggg tacaangnaa catacttcaa cgnccatagg naatgtaaca caccggcggn 60
aacattcact gttctgncaa atccancgtc tttgtagtca gttctgtagg tcagggtagna 120
gttcactggg ttcaagggtc gtaaaatggg aattgttgta tagtagtgct tgtctagcac 180
gcatgtaagt cccagggttc agcctcagca gcatagnaaa caaacaacaa aaactcagggn 240
acataccgac tcacacttgg taatcccagc attgggtaac agtaacacag gtagggatta 300
ctgtgtagct ggtaggccag ccagggnacta catagcaagg acccctccta tccctctaaa 360
atttctgttt taaaaaaggg aattcatttt attttaataa gtttttatta ttccctttta 419

<210> 232
<211> 391
<212> DNA
<213> Mus musculus

[illegible]

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<210> 233
<211> 126
<212> DNA
<213> Mus musculus
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<210> 234
<211> 151
<212> DNA
<213> Mus musculus
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<210> 235
<211> 126
<212> DNA
<213> Mus musculus
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<210> 236
<211> 126
<212> DNA
<213> Mus musculus
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<210> 237
<211> 126
<212> DNA
<213> Mus musculus
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42

<210> 238
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 238
 ggtgtgagct ctctgcttgc tgetccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 239
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 239
 aggtgtgagc tctctgcttg ctgctccagt cgctgtgctt gctgctgtgg gtgcctccct 60
 accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc ctccataaaa 120
 aaaaaa 127

<210> 240
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 240
 ggtgtgagct ctctgcttgc tgetccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 241
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 241
 agctctctgc ttgtgtctcc agtcgctgtg cttgcctgct gtggtgcttc cctaccagga 60
 cagactcttg tgcttttggg accataagcc aaataaaccc ttccttccat aaaaaaaaaa 120

<210> 242
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 242
 tttgaagccg ttagctctct gcttgetgct ccagtcgctg tgcttgcttg ctgtggtgcc 60
 tccctaccag gacagactct tgtgcttttg gaaccataag ccaaataaac ccttccttcc 120
 ataaaaaaaa aa 132

<210> 243
 <211> 126
 <212> DNA
 <213> Mus musculus

<400> 243
 ggtgtgagct ctctgcttgc tgetccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
 ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
 aaaaaa 126

<210> 244
 <211> 110
 <212> DNA
 <213> Mus musculus

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<220>
 <221> misc_feature
 <222> (1)...(110)
 <223> n = A,T,C or G

<400> 244
 tgctccatac gctgtgcttg cctgctgtgg tgcctcccta ccaggnacag aactottgtg 60
 cttttgggaa ccataagncc aaataaaccc ttccttccat aaaaaaaaaa 110

<210> 245
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 245
 gctctctgct tgctgctcca gtcgctgtgc ttgcctgctg tggtgccctcc ctaccaggac 60
 agactcttgt gcttttggaa ccataagcca aataaacctt tccttccata aaaaaaaaaa 119

<210> 246
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 246
 gatattggat acaatgcgac taccgatctc ttcagggttc tgctgccagc ctccccccacc 60
 gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa 120

<210> 247
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 247
 gtattggata caatgcgact accgatctct tcaggntcct gctgccagcc tccccccaccg 60
 tgatggacta taccctagca ttccagtcaa aataaagcta acttgcccaa aaaaaaaaaa 119

<210> 248
 <211> 112
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(112)
 <223> n = A,T,C or G

<400> 248
 gatattggat acaatgcgac taccgatctc ttcaggntcc tgctgccagc ctccccccacc 60
 gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aa 112

<210> 249
 <211> 112
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(112)

$\langle 223 \rangle$ n = A, T, C or G

```
<400> 249
gatattggat acaatgcgac taccgatctc ttcaggttcc tgntgccagn ctccccccacc      60
gtgatggact ataccctagc attccaggca anataaagct aacttgccca aa      112
```

```
<400> 250
gatattggat acaatgcgac taccgatctc ttcaggttcc tgctgccagc ctccccccacc 60
gtgatggact ataccctagc attccagtc aataaaagct aacttgccca aaaaaaaaaa 120
```

```
<400> 251
agaattggat acaatgcgac taccgatctc ttcaggggtc ctgctgccag cctcccccac      60
cgtgatggga ctatacccta gcattccagt caaaataaag ctaacttgcc caaaaaaaaaa    120
aa                                           122
```

```
<400> 252
agctttgatt  ctgagaaaga  agagtgtgaa  acaagaagca  aagatcgggt  tggaagaggg      60
caagaggaaa  gggggggatg  gaaggaaacc  ctgcagccac  caacacaata  aacacaataa     120
actgtatcct  gaccacct

```

```
<400> 253
ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgcctcccta      60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa     120
aaaaaa                                           126
```

```
<400> 254
gctttgaatt ctgagaaaga agagtgtgaa acaagaagca aagatcgggt tggaagaggg      60
caagaggaaa ggggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa      120
actgtatcct qacca                                     135
```

```
<400> 255
ggtgtgagct ctctgcttgc tgcctcagtc gctgtgcttg cctgctgtgg tgcctccta      60
ccaggacaga ctcttqtgct tttggaacca taagccaaat aaaccttcc ttccataaaa    120
```



aaaaaa 126

<210> 256
<211> 138
<212> DNA
<213> Mus musculus

<400> 256
gctttgaatt ctgagaaaga agagtgtgaa acaagaagca aagatcgggt tggaagaggg 60
caagaggaaa gggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gaccacct 138

<210> 257
<211> 126
<212> DNA
<213> Mus musculus

<400> 257
ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgccctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 258
<211> 126
<212> DNA
<213> Mus musculus

<400> 258
ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgccctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 259
<211> 129
<212> DNA
<213> Mus musculus

<400> 259
aaagggtgtga gctctctgct tgctgctcca gtcgctgtgc ttgctgtctg tgggtgcctcc 60
ctaccaggac agactcttgt gcttttggaa ccataagcca aataaacctt tccttccata 120
aaaaaaaaa 129

<210> 260
<211> 126
<212> DNA
<213> Mus musculus

<400> 260
ggtgtgagct ctctgcttgc tgctccagtc gctgtgcttg cctgctgtgg tgccctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 261
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 261

tctctgcttg ctgtccagt cgtgtgctt gcctgctgtg gtgcctccct accaggacag 60
actcttgtgc ttttgaacc ataagccana taaacccttc cttccataa 109

<210> 262
<211> 126
<212> DNA
<213> Mus musculus

<400> 262
ggtgtgagct ctctgcttgc tgtccagtc gctgtgcttg cctgctgtgg tgccctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 263
<211> 101
<212> DNA
<213> Mus musculus

<400> 263
gctctctgct tgtctgtcca gtcgtgtgct ttgcctgctg tggcctccct ctaccaggac 60
agactcttgt gcttttggaa ccataagcca aataaaccct t 101

<210> 264
<211> 152
<212> DNA
<213> Mus musculus

<400> 264
aggctgaaga ggagaatccc agattgcctt cctcacaaga tctggcagcc agagccccga 60
gtccccaag cccagtgagc agttcaaata taaaccgca cataacaaga aaagtgaagc 120
accatgaaac tcttgtttga ttaaaaaaaa aa 152

<210> 265
<211> 127
<212> DNA
<213> Mus musculus

<400> 265
agggtgagc tctctgcttg ctgtccagt cgtgtgctt gcctgctgtg gtgcctccct 60
accaggacag actcttgtgc ttttgaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaaa 127

<210> 266
<211> 127
<212> DNA
<213> Mus musculus

<400> 266
tgagaaagaa gagtgtgaaa caagaagcaa agatcggggtt ggaagagggc aagaggaaag 60
ggggggatgg aaggaaaccc tgcagccacc aacacaataa acacaataaa ctgtatcctg 120
accacct 127

<210> 267
<211> 126
<212> DNA
<213> Mus musculus

<400> 267
ggtgtgagct ctctgcttgc tgtccagtc gctgtgcttg cctgctgtgg tgccctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 268

<211> 151
<212> DNA
<213> Mus musculus

<400> 268
gctgaagagg agaatcccag attgccttca ctcacaagat ctggcagcca gagccccgag 60
tcccccaagc ccagtgaagca gttcaaataat aaaaccgcac ataacaagaa aagtgaagca 120
ccatgaaact cttgtttgat taaaaaaaaa a 151

<210> 269
<211> 125
<212> DNA
<213> Mus musculus

<400> 269
gttgaagaat tggatacaat ggcactaccg atctcttcag gttcctgctg ccagcctccc 60
ccaccgtgat ggactataacc ctagcattcc agtcaaaaata aagctaactt gcccaaaaaa 120
aaaaa 125

<210> 270
<211> 126
<212> DNA
<213> Mus musculus

<400> 270
ggtgtgagct ctctgcttgc tgcctccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 271
<211> 126
<212> DNA
<213> Mus musculus

<400> 271
ggtgtgagct ctctgcttgc tgcctccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 272
<211> 126
<212> DNA
<213> Mus musculus

<400> 272
ggtgtgagct ctctgcttgc tgcctccagtc gctgtgcttg cctgctgtgg tgcctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 273
<211> 127
<212> DNA
<213> Mus musculus

<400> 273
aggtgtgagc tctctgcttg ctgctccagt cgctgtgctt gctgctgtg gtgcctccct 60
accaggacag actcttgtgc ttttgggaacc ataagccaaa taaacccttc cttccataaa 120
aaaaaaa 127

<210> 274
<211> 544
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(544)
 <223> n = A,T,C or G

<400> 274
 tttattgaag acgctntttc cccattgng tattnttggc tagntttgtc aaagatcaan 60
 ggtccgtaag taactgtcna aaaannttct gnggnttnna cttttntntg ngatctgaaa 120
 naatgnnadc aacantacca ttgagggcct tactanctac acnttgcagg accttatcag 180
 gaactggata ttnttngngg nattgnantg tangnctgca gncacggcta taccagtgat 240
 acantaaaga gngccctgat gtttcccaacn ggggccttct tcctgcgcca tctaagaanc 300
 cgtgtatgca nnagccctcc atctcctttg gccctgaatg agagcaccn gattattctg 360
 ctaanantgc ttngtgatg gccatntccc tcacatctgg agnngctaaa ggccttganc 420
 acatggtcac tgcccaacga gtggnagaaa agctngcatt tgcnataatg gaacctgcac 480
 gcatgtgnag ccttgaanng gagactgnct aaatgccntc ccaagccaag gaacttgctt 540
 aggg 544

<210> 275
 <211> 127
 <212> DNA
 <213> Mus musculus

<400> 275
 ggtgtgagct ctctgcttgc tgetccagtc cgctgtgctt gcctgtgtgt gtgcctccct 60
 accaggacag actcttgtgc ttttggaacc ataagccaaa taaacccttc cttccataaa 120
 aaaaaaa 127

<210> 276
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 276
 gatattggat acaatgcgac taccgatctc ttcagggttc tgetgccage ctccccccacc 60
 gtgatggact ataccctagc attccagtca aaataaagct aacttgccca aaaaaaaaaa 120

<210> 277
 <211> 129
 <212> DNA
 <213> Mus musculus

<400> 277
 aaagggtgta gctctctgct tgetgctcca gtcgctgtgc ttgcctgtgt tgggtgcctcc 60
 ctaccaggac agactcttgt gcttttgga ccataagcca aataaaccct tccttccata 120
 aaaaaaaaa 129

<210> 278
 <211> 138
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(138)
 <223> n = A,T,C or G

<400> 278
 gaagtgtgtc cagctggctg gaanctgctt gctgctccag tcgctgtgct tgcctgtgtg 60
 ggtgcctccc taccaggaca gactcttgtg cttttggaac cataagccaa ataaaccctt 120
 cttccataa aaaaaaaaa 138

<210> 279
 <211> 177



<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 279
cttggctgaa gaggaaataa aaactgagca ggaggtggng gagggaangg atatctctac 60
tcgctccaaa natectgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaa 177

<210> 280
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 280
attataagca caccgcagag aattgccaat tcaggaagtg ttctgattgg gaatccatat 60
accctgcac ccgcaatggc cactcagact cacatagctg aggctgctgg ctgggttccc 120
agtgatcgaa nccgagctag agaatttata gactctg 157

<210> 281
<211> 182
<212> DNA
<213> Mus musculus

<400> 281
cttggctgaa gaggaaataa aaactgagca ggaggtgggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
aa 182

<210> 282
<211> 182
<212> DNA
<213> Mus musculus

<400> 282
cttggctgaa gaggaaataa aaactgagca ggaggtgggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
aa 182

<210> 283
<211> 207
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(207)
<223> n = A,T,C or G

<400> 283
gtaacatttc acttggtgcc tttccagttt caagcaccaa ctcaccaaca aagattttac 60
cgaaaacctt agggccaata aatgtgaatg tgggacccca aaggaatntta ancccneng 120

aaanaatggc cantnnagna ngggtcngna tgggnattcn ttttncceng gaacccgcaa 180
tggtcacttt aagaactcac atagctt 207

<210> 284
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 284
ctgagcagga ggtggtggag ggaatggata tctctactcg ctccaaagat cctgtntcta 60
cagagaaaac ggccccgaaa cggaagttncc ccagccctcc acattcctnc aatggccatt 120
cgccccaaaga ctcattccacg agccccatta aaaaaagaa a 161

<210> 285
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 285
cttggctgaa gaggaataaa aaactganca ggangnggtg gaggggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
aa 182

<210> 286
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 286
atctaataaa agacaaaactt aaagagaaaag acagagagag agagaaaana gaagcntaaa 60
gtantgagtg agatcacnga aagaacntgg agatgtnaag attttactga aaagtgggaa 120
ggagaaacca a 131

<210> 287
<211> 127
<212> DNA
<213> Mus musculus

<400> 287
ggtgtgagct ctctgcttgc tgctccagtc cgctgtgctt gcctgctgtg gtgcctccct 60
accaggacag actcttgtgc ttttggaacc ataagccaaa taaacccttc ctccataaa 120
aaaaaaa 127

<210> 288
<211> 140
<212> DNA
<213> Mus musculus

<400> 288
acacaggaga cagaggtgtg agctctctgc ttgtctgtcc agtcgctgtg cttgcctgct 60
gtgggtgcctc cctaccagga cagactcttg tgcttttggg accataagcc aaataaaccc 120
ttccttccat aaaaaaaaaa 140

<210> 289
<211> 119
<212> DNA
<213> Mus musculus

<400> 289
atattggata caatgcgact accgatctct tcaggttcct gctgccagcc tccccaccg 60
tgatggacta taccctagca ttccagtcaa aataaagcta acttgcccaa aaaaaaaaaa 119

<210> 290
<211> 126
<212> DNA
<213> Mus musculus

<400> 290
ggtgtgagct ctctgcttgc tgetccagtc gctgtgcttg cctgctgtgg tgccctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 291
<211> 126
<212> DNA
<213> Mus musculus

<400> 291
ggtgtgagct ctctgcttgc tgetccagtc gctgtgcttg cctgctgtgg tgccctcccta 60
ccaggacaga ctcttgtgct tttggaacca taagccaaat aaacccttcc ttccataaaa 120
aaaaaa 126

<210> 292
<211> 119
<212> DNA
<213> Mus musculus

<400> 292
gctctctgct tgctgtctca gtcgctgtgc ttgcctgctg tgggtgcctcc ctaccaggac 60
agactcttgt gcttttggaa ccataagcca aataaacctt tccttccata aaaaaaaaaa 119

<210> 293
<211> 132
<212> DNA
<213> Mus musculus

<400> 293
tttgattctg agaaagaaga gtgtgaaaca agaagcaaag atcggggttg aagagggcaa 60
gaggaaaggg ggggatggaa ggaaaccctg cagccacca cacaataaac acaataaact 120
gtatcctgac ca 132

<210> 294
<211> 150
<212> DNA
<213> Mus musculus

<400> 294
gctttgaatt ctgagaaaga agagtgtgaa acaagaagca aagatcgggt tggaagaggg 60
caagaggaaa ggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gaccacctca aaaaaaaaaa 150

<210> 295
 <211> 136
 <212> DNA
 <213> Mus musculus

<400> 295
 agctttgaat tctgagaaag aagagtgtga aacaagaagc aaagatcggg ttggaagagg 60
 gcaagaggaa aggggggat ggaaggaaac cctgcagcca ccaacacaat aaacacaata 120
 aactgtatcc tgacca 136

<210> 296
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 296
 gagcggcctc caccctaaacn actnactagg gaagctatgc nanantatnt aaangaacga 60
 ggggatnnaa cngtgctcat tcttcatgca aangntgcac agaagtctta cggnantgaa 120
 aaacgatttt ttgcccctcc tccttgtgtg tatcttatgg gcannggttg gaaaaaaaaa 180
 aa 182

<210> 297
 <211> 135
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 297
 ggatataaaa tactagctnn aaagatnctg tctctacaga gaaaacggcc ccgaaacgga 60
 agttccccag cctccacat tcctccaatg gccattcgcc ccaagactca tccacgagcc 120
 ccattaaaaa aaaaa 135

<210> 298
 <211> 182
 <212> DNA
 <213> Mus musculus

<400> 298
 cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
 aa 182

<210> 299
 <211> 111
 <212> DNA
 <213> Mus musculus

<400> 299
 atcctgtctc tacagagaaa acggccccga aacggaagtt ccccagccct ccacattcct 60
 ccaatggcca ttcgccccaa gactcatcca cgagcccat taaaaaaaaa a 111

<210> 300
 <211> 141

<212> DNA

<213> Mus musculus

<400> 300

attataagca	caccgcagag	aattgccaat	tcaggaagtg	ttctgattgg	gaatccatat	60
acccctgcac	ccgcaatggg	cactcagact	cacatagctg	aggctgctgg	ctgggttccc	120
agtaaacgaa	gcaaaaaaaaa	a				141

<210> 301

<211> 182

<212> DNA

<213> Mus musculus

<400> 301

cttggctgaa	gaggaaataa	aaactgagca	ggaggtggtg	gaggggaatgg	atatctctac	60
tcgctccaaa	gacccctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120
tccacattcc	tccaatggcc	attcgcccca	agactcatcc	acgagcccca	ttaaaaaaaaa	180
aa						182

<210> 302

<211> 162

<212> DNA

<213> Mus musculus

<400> 302

aaactgagca	ggaggtggtg	gaggggaatgg	atatctctac	tcgctccaaa	gacccctgtct	60
ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	tccacattcc	tccaatggcc	120
attcgcccca	agactcatcc	acgagcccca	ttaaaaaaaaa	aa		162

<210> 303

<211> 113

<212> DNA

<213> Mus musculus

<400> 303

atcctgtctc	tacagagaaa	acggccccga	aacggaagtt	ccccagccct	ccacattcct	60
ccaatggcca	ttcgcccca	gactcatcca	cgagcccat	taaaaagaaa	aaa	113

<210> 304

<211> 182

<212> DNA

<213> Mus musculus

<400> 304

cttggctgaa	gaggaaataa	aaactgagca	ggaggtggtg	gaggggaatgg	atatctctac	60
tcgctccaaa	gacccctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120
tccacattcc	tccaatggcc	attcgcccca	agactcatcc	acgagcccca	ttaaaaaaaaa	180
aa						182

<210> 305

<211> 182

<212> DNA

<213> Mus musculus

<400> 305

cttggctgaa	gaggaaataa	aaactgagca	ggaggtggtg	gaggggaatgg	atatctctac	60
tcgctccaaa	gacccctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120
tccacattcc	tccaatggcc	attcgcccca	agactcatcc	acgagcccca	ttaaaaaaaaa	180
aa						182

<210> 306

<211> 402

<212> DNA



<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(402)

<223> n = A,T,C or G

<400> 306

tttcaagcac	caactcacca	acaaagattt	taccgaaaac	cttagggcca	ataaatgtga	60
atgttgacc	ccaaatggta	agaaaattat	taaatttcag	aattgacact	tttctcaggc	120
aagactaatt	tatagataat	tatgctgaag	atgtttgatc	aaatattcta	tttaatttta	180
gttatctcat	ttaccctaaa	taaaagtttt	ggttttatct	cagtataatt	aagtattaat	240
ttatattaat	aaatgttttt	gtgttcttat	gtttaatttt	aacatttcaa	tctgtgggtt	300
ctgaatgtgt	aatattaagg	nttttctccc	cttacgaggc	ctttcttaac	ttttgggggn	360
taattaactt	gaaatctatt	gnattctacc	agtcttacaa	ct		402

<210> 307

<211> 235

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(235)

<223> n = A,T,C or G

<400> 307

gtaacatttc	acttggtgcc	tttccagttt	caagcaccaa	ctcaccaaca	aagattttac	60
cgaaaacctt	agggccanta	aatgtgaatg	ttggacccca	aatgattata	ancacaccgc	120
agagaattgc	caattcagga	agtgttctga	ttgggaatcc	atatacccct	gcacccgcaa	180
tggtcactca	gactcacata	gctgaggctg	ctggctgggt	tcccagtgat	cgaag	235

<210> 308

<211> 102

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(102)

<223> n = A,T,C or G

<400> 308

cgccaggacg	gagcgattct	cangngggaa	ggancncgcc	nacaggnctt	gactgcttac	60
agacatgtcc	ccctcaataa	aattgcagtt	gaaatggaaa	aa		102

<210> 309

<211> 178

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(178)

<223> n = A,T,C or G

<400> 309

agaagtcaga	agaggtcagt	cagctnnnct	ggtggagctg	gagctacaag	caactgggaa	60
aactactctg	catatnactg	tncaagaagc	agtnacgagt	gatcttccac	ccctctgcct	120
ctgctctgca	nnaacagcan	gngctcttaa	cctgttaatc	atggagcatt	ttcactag	178

<210> 310

<211> 182

<212> DNA

<213> Mus musculus

<400> 310

cttggctgaa	gaggaaataa	aaactgagca	ggaggtggtg	gagggaatgg	atatctctac	60
tcgctccaaa	gacctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120
tccacattcc	tccaatggcc	attcgcccca	agactcatcc	acgagcccca	ttaaaaaaaa	180
aa						182

<210> 311

<211> 125

<212> DNA

<213> Mus musculus

<400> 311

gtgtgagctc	tctgcttget	gtccagtcg	ctgtgcttgc	ctgctgtggt	gcctccctac	60
caggacagac	tcttgtgctt	ttggaacat	aagccaaata	aacccttcct	tccataaaaa	120
aaaaa						125

<210> 312

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 312

tagggaagct	atgcgaaatt	attttaaaga	acgaggggat	taaacagtgc	tcattcttna	60
tgcaaaagtt	gcacagaagt	cttacggaaa	tgaaaaacga	tttttttgcn	ctcctccttg	120
tgtgnatctt	aaaggcagat	a				141

<210> 313

<211> 182

<212> DNA

<213> Mus musculus

<400> 313

cttggctgaa	gaggaaataa	aaactgagca	ggaggtggtg	gagggaatgg	atatctctac	60
tcgctccaaa	gacctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120
tccacattcc	tccaatggcc	attcgcccca	agactcatcc	acgagcccca	ttaaaaaaaa	180
aa						182

<210> 314

<211> 151

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(151)

<223> n = A,T,C or G

<400> 314

gctgaagagg	agaatcccag	attgccttca	ctcacaagat	ctggcagcca	gagccccgag	60
tcccccaagc	ccagtgagca	gannnaatat	gannccgnac	atancaagaa	aagtgaagca	120
ccatgaaact	cttgtttgat	taaaaaaaaa	a			151

<210> 315

<211> 357

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(357)

<223> n = A,T,C or G

<400> 315

atgcatgtat	acttccttgt	acctntcgct	cgactgnacn	ntgncctnac	cggaatgaag	60
ggtggcatga	aggggaagga	aggcatcttg	actgatanct	gnactnntgc	acagcaagat	120
ggaggnganc	tggccttnat	gtaacctnnc	gnntcngggg	gatnngngnc	ttnccttnnn	180
cggattcacc	ggtggcccgg	tttgcacgtg	canantgggt	acgaggctcc	ctaaagcagc	240
ctcgaccatc	cacagacagc	ctcacgtttt	tctcctactt	tttccttatg	cttttaaata	300
gcagactcgc	cgggcgtggg	ggcncacgcc	cttttattcc	catcactttg	ggaagge	357

<210> 316

<211> 152

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(152)

<223> n = A,T,C or G

<400> 316

ctttgaattc	atgagaaaga	agagtgtgaa	acaagaagca	aanatcgggt	tggaagaggg	60
cnagagga	gggggggatg	gaaggaaacc	ctgcagccac	caacacaata	ancacaatat	120
actgtatcct	gaccacctca	aaaaaaaaac	ca			152

<210> 317

<211> 182

<212> DNA

<213> Mus musculus

<400> 317

cttggctgaa	gaggaaataa	aaactgagca	ggaggtgggt	gaggggaatgg	atatctctac	60
tcgctccaaa	gacctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120
tccacattcc	tccaatggcc	attcgcccc	agactcatcc	acgagcccca	ttaaaaaaaaa	180
aa						182

<210> 318

<211> 111

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 318

atcctgtctc	tacagagaaa	acggccccga	aacggaagtt	ccccagncct	ccacattcct	60
ccaatggcca	ttcgcccnaa	gactcatcca	cgagcccat	taaaaaaaaa	a	111

<210> 319

<211> 182

<212> DNA

<213> Mus musculus

<400> 319

cttggctgaa	gaggaaataa	aaactgagca	ggaggtgggt	gaggggaatgg	atatctctac	60
tcgctccaaa	gacctgtct	ctacagagaa	aacggccccg	aaacggaagt	tccccagccc	120



tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 320
<211> 182
<212> DNA
<213> Mus musculus

<400> 320
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccc aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 321
<211> 182
<212> DNA
<213> Mus musculus

<400> 321
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccc aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 322
<211> 135
<212> DNA
<213> Mus musculus

<400> 322
ctttgaattc atgagaaaga agagtgtgaa acaagaagca aagatcgggt tggaagaggg 60
caagaggaaa ggggggggatg gaaggaaacc ctgcagccac caacacaata aacacaataa 120
actgtatcct gacca 135

<210> 323
<211> 182
<212> DNA
<213> Mus musculus

<400> 323
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccc aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 324
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 324
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccc aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatnc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 325

<211> 182
<212> DNA
<213> Mus musculus

<400> 325
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gaggggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 326
<211> 182
<212> DNA
<213> Mus musculus

<400> 326
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gaggggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 327
<211> 198
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G

<400> 327
gtaggggggga actgctcgtg gctgangagg aaataaaaac tgagcaggag gtggtggagg 60
gaatggatat ctctactcgc tccagagatc ctgtctctac agagaaaacg gccccgaaac 120
ggaagttccc cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga 180
gccccattaa aaaaaaaaaa 198

<210> 328
<211> 350
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(350)
<223> n = A,T,C or G

<400> 328
atgagctcac agtacctgca ctttacccca gtagccctga agtgtggggc ccgtaccctc 60
tgtaccacgc ggagttagcg cctgctcttc ctctctctgc cgctttcacc taccocgctt 120
cactgcatgc ccagaggcnc tgtatacatg cctaggnnnn cacnctgac nnntgganac 180
tncncagca catgnatgat ngcgtcnctg ggaatgngcc tgnacagat caacctactg 240
cagaccancn aaggagcctt nngagacaga atgtattann aaccnactac cttatncctt 300
ttgcaaanga naactnttct ttganaatnt ttgagagatt tcaataaaaa 350

<210> 329
<211> 138
<212> DNA
<213> Mus musculus

<400> 329
tgaaccggtt ttaagtcacg aactgagatc ctgtctctac agagaaaacg gccccgaaac 60
ggaagttccc cagccctcca cattcctcca atggccattc gcccgaagac tcatccacga 120



gccccattaa aaaaaaaaa

138

<210> 330

<211> 109

<212> DNA

<213> Mus musculus

<400> 330

atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct ccacattcct
ccaatggcca ttcgccccaa gactcatcca cgagcccaa aaaaaaaaa

60

109

<210> 331

<211> 148

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(148)

<223> n = A,T,C or G

<400> 331

cttggctgaa gaggaataa aaactgagca ggagtggtg gagggaatgg atatctctac
tcgctccaaa gatcctgtct ctacaganaa aacngccccg aaacggaagt tccccagccc
tccacattcc tccaatggcc attcgccc

60

120

148

<210> 332

<211> 153

<212> DNA

<213> Mus musculus

<400> 332

ggaagctatg cgaaattatt taaaagaacg aggggatcaa acagtgtca ttcttcatgc
aaaagttgca cagaagtctt acggaaatga aaaacgattt ttttgccctc ctcttgtgt
gtatcttatg ggcagtgtt ggaaaaaaaa aaa

60

120

153

<210> 333

<211> 112

<212> DNA

<213> Mus musculus

<400> 333

gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc tccacattcc
tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa aa

60

112

<210> 334

<211> 111

<212> DNA

<213> Mus musculus

<400> 334

atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct ccacattcct
ccaatggcca ttcgccccaa gactcatcca cgagcccat taaaaaaaa a

60

111

<210> 335

<211> 182

<212> DNA

<213> Mus musculus

<400> 335

cttggctgaa gaggaataa aaactgagca ggagtggtg gagggaatgg atatctctac
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa

60

120

180

0983074 061644

aa 182

<210> 336
<211> 103
<212> DNA
<213> Mus musculus

<400> 336
ctgagaaggt tggagtttta atgattcagg cggctctggc ggccaggctg ggcgatatgg 60
tccgcaccta gactgttgag ctgggggtag aggaaaaaaaa aaa 103

<210> 337
<211> 171
<212> DNA
<213> Mus musculus

<400> 337
aggaaataaa aactgagcag gaggtggtgg agggaaatgga tatctctact cgtctccaaag 60
atcctgtctc tacagagaaa acggccccga aacggaagtt cccagacct ccacattcct 120
ccaatggcca ttgccccaa gactcatcca cgagccccat taaaaaaaa a 171

<210> 338
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 338
cttgcaagca ccaactcacc nacactttat tctagcgaaa accttatggc caataaaatg 60
tgaatgntgt accccttcac tgattataat gcacaccngc acagaattgc caattcttga 120
gagtgttctg attgggaatc catatacccc tgcaccgcga atgggtcactc agactcacat 180
agctgaggct gctggctggg ttcccagtaa acgaagcaaa aaaggagaaa aaaaaa 237

<210> 339
<211> 105
<212> DNA
<213> Mus musculus

<400> 339
gactgagaag gttggagttt taatgattca ggcggtctctg gcgccaggc tgggcgatat 60
ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 340
<211> 360
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(360)
<223> n = A,T,C or G

<400> 340
ctgagatgag ctccagtacc tgcactttac cccantagcc ctgaagngtg ggccccgtac 60
cctctgtacc cagcgaggtt agcgctgct ctctctcctc ctgccggtt cacctacccc 120
gcttcaactgc atgcccagag nttctnttat acaggntnn ccenncacac ctganntttg 180
ganacttctt cancaaatta nannngtctc tnggaatgtg tttgggncct attaacctac 240
tgcanaccan cnaaggagc tncngntgnt gaatttatta gcaaccccc ctcttcccc 300
tttgcaaaaa aaaacntttt ttgataatgt ttngagaaan ntcaataaaa aaattttaat 360

<210> 341
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 341
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 342
 <211> 106
 <212> DNA
 <213> Mus musculus

<400> 342
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccca gacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgca 106

<210> 343
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 343
 gactgagaag gttggagttt taatgattca ggcggctctg gcggccaggc tgggcgatat 60
 ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 344
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 344
 gactgagaag gttggagttt taatgattca ggcggctctg gcggccaggc tgggcgatat 60
 ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 345
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 345
 gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccaaga ctcattccacg agccccatta 180
 aaaaaaaaaa 189

<210> 346
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 346
 aactgagaag gttggagttt taatgattca ggcggctctg gcggccaggc tgggcgatat 60
 ggtccgcacc tagactgttg agctgggggt agaggaaaaa aaaaa 105

<210> 347
 <211> 117
 <212> DNA
 <213> Mus musculus

<220>

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<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 347
cagagaattg ccaattcagg aagtgttctg attgggaatc catatacccc tgcacccgca      60
atggtcactc anactcacat agctgaggct gctggctggg ttcccagtaa acgaagc      117

<210> 348
<211> 189
<212> DNA
<213> Mus musculus

<400> 348
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata      60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc      120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta      180
aaaaaaaaa                                189

<210> 349
<211> 116
<212> DNA
<213> Mus musculus

<400> 349
agactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtg cccagacgg      60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaaaa      116

<210> 350
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 350
agaactgaga tcctgtctct acagagaaaa cggccccgaa acggaagttt cccagccctc      60
cacattcctc caatggccat tcgccccaaag actcatccac gagccccatt aaaaaaaaaa      120

<210> 351
<211> 106
<212> DNA
<213> Mus musculus

<400> 351
agactgagaa gggttgagtt ttaatgattc aggcggctct ggcggccagg ctgggcgata      60
tggtccgcac ctgactgtt gagctggggg tagaggaaaa aaaaaa      106

<210> 352
<211> 182
<212> DNA
<213> Mus musculus

<400> 352
cttggctgaa gaggaaataa aaactgagca ggaggtggtg gagggaatgg atatctctac      60
tcgtccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc      120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa      180
aa                                182

<210> 353

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<211> 202
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(202)
 <223> n = A,T,C or G

<400> 353
 gagctctggg gagctcctgc attaagttaa gaactgagct tggctgaaga ggaaataaaa 60
 actgagcagg aggtggtgga gggaaatggat atctctactc gctccaaaga tctgtgtctt 120
 acagagaaaa cgccccgaa acggaagtgc cccagccctc cacattcctc caatggccat 180
 tcgcccgaag actcatccac ga 202

<210> 354
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 354
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 355
 <211> 175
 <212> DNA
 <213> Mus musculus

<400> 355
 gactgagata aaatcaaaga caaaattaaa gagaaagaca aagagagaga gaaaaagaag 60
 cataaagtaa tgagtgagat caagaaagaa aatggagatg taaagatttt actgaaaagt 120
 gggaaggaga aacccaaaaac aaatatagaa gacttacaaa ttaaaaaagt aaaaa 175

<210> 356
 <211> 107
 <212> DNA
 <213> Mus musculus

<400> 356
 gaggtgatcg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatac 60
 aagactccaa tgacaaccat aagattccct aaagctaaga cactgca 107

<210> 357
 <211> 223
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(223)
 <223> n = A,T,C or G

<400> 357
 gttccaaaag tggcaggaag cccctctggac cttcaccctc ggcttctgtt ccctccacta 60
 cggcctaaga gcttggagtg ggganganca tggnggcata gttgccaang gtctggacac 120
 angcatgcng gaaaatggac ctttcttaag actnaagctg tgcacacagc ttgtgacacg 180
 anaacacttt tccacaccta tanttggggg gttgcctaaa tat 223

<210> 358
 <211> 181
 <212> DNA

09860711-064204

<213> Mus musculus

<400> 358

ctgagataaa	atcaaagaca	aaattaaaga	gaaagacaaa	gagagagaga	aaaagaagca	60
taaagtaatg	agtgagatca	agaaagaaaa	tggagatgta	aagattttac	tgaaaagtgg	120
gaaggagaaa	ccaaaaacaa	atatagaaga	cttacaaatt	aaaaaagtaa	agaagaaaaa	180
a						181

<210> 359

<211> 121

<212> DNA

<213> Mus musculus

<400> 359

actgaggtga	tgaagtctcg	atcactagac	gggagatgct	gccaagtgcc	ccagacggga	60
tcaagactcc	aatgacaacc	ataagattcc	ctaaagctaa	gacactgcag	aagaaaaaaa	120
a						121

<210> 360

<211> 106

<212> DNA

<213> Mus musculus

<400> 360

ctgaggtgat	gaagtctcga	tcactagacg	ggagatgctg	ccaagtgcc	cagacgggat	60
caagactcca	atgacaacca	taagattccc	taaagctaag	acactg		106

<210> 361

<211> 119

<212> DNA

<213> Mus musculus

<400> 361

gactgaggtg	aagaagtctc	gatcactaga	cgggagatgc	tgccaagtgc	cccagacggg	60
atcaagactc	caatgacaac	cataagattc	cctaaagcta	agacactgaa	aaaaaaaaa	119

<210> 362

<211> 111

<212> DNA

<213> Mus musculus

<400> 362

agactgaggt	gatgaagtct	cgatcactag	acgggaggtg	ctgccaagtg	ccccagacgg	60
gatcaagact	ccaatgacaa	ccataagatt	ccctaaagct	aagacactgc	a	111

<210> 363

<211> 135

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 363

cttcgcccag	taacgnetga	ggtgaggaag	nctagatcac	tananggan	atgntgccac	60
gtgncccaga	cgggatcaag	actccaatga	caacgcataa	gattccctaa	agctaagaca	120
ctgcaaaaaa	aaaaa					135

<210> 364

<211> 117

<212> DNA

<213> Mus musculus

<400> 364

gagggtgatcg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatac 60
aagactccaa tgacaaccat aagattccct aaagctaaga cactgcaaaa aaaaaaa 117

<210> 365

<211> 110

<212> DNA

<213> Mus musculus

<400> 365

tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga tcaagactcc 60
aatgacaacc ataagattcc cttaaagctaa gacactgcag aaaaaaaaaa 110

<210> 366

<211> 119

<212> DNA

<213> Mus musculus

<400> 366

gactgaggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 367

<211> 121

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 367

gactgaggtg atgaagnctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 368

<211> 119

<212> DNA

<213> Mus musculus

<400> 368

gactgaggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 369

<211> 118

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(118)

<223> n = A,T,C or G

<400> 369

ctgaggtgat gaagtctcga tnactagacg ggagatgctg ccaagngccc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcaaa aaaaaaa 118

<210> 370

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<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 370
ctgaggtgat gaagtctcga tctactagac ggagatgctg ccaagtgcc cagacgggat      60
caagactccn atggcaacca taagattccc taaagctaag acactgcaaa aaaaaaaaaa      118

<210> 371
<211> 120
<212> DNA
<213> Mus musculus

<400> 371
cctgaggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga      60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa      120

<210> 372
<211> 107
<212> DNA
<213> Mus musculus

<400> 372
ctgaggtgat gaagtctgga tctactagac gagatgctgc caagtgcccc agacgggatc      60
aagactccaa tgacaaccat aagattccct aaagctaaga cactgca                      107

<210> 373
<211> 121
<212> DNA
<213> Mus musculus

<400> 373
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaaagact caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa      120
a                                          121

<210> 374
<211> 121
<212> DNA
<213> Mus musculus

<400> 374
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc aaaaaaaaaa      120
a                                          121

<210> 375
<211> 138
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 375
tgcgagatta tttaaaaaaaa cgaggggggat caaacagngc tcattcttca tgcncaggtt      60

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gcacagaagt cttacnggaa ntgaaaaaca gatttttttg ccctcctcct tgcgtggatc 120
ttatgggcag tggttgta 138

<210> 376
<211> 121
<212> DNA
<213> Mus musculus

<400> 376
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 377
<211> 130
<212> DNA
<213> Mus musculus

<400> 377
actgaggcac gactgcgggg atgaagtctc gatcctagac gggagatgct gccaaagtgc 60
ccagacggga tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag 120
aaaaaaaaa 130

<210> 378
<211> 117
<212> DNA
<213> Mus musculus

<400> 378
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc aacgagatca 60
agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaaa 117

<210> 379
<211> 116
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 379
gaggtgatga agtctngatc actagacggg agatgctgcc aagtgcccc gacgggatca 60
agactccaat gacaaccata agattcccta aagctaagac actgcaaaaa aaaaaa 116

<210> 380
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 380
gacctgtggt gttgaagtct cgacactaga cgggtagnat gctgtcaagt gccccagacg 60
ggatcaagac tccaatgaca accntaagat tccctaaagc taagacactg caaaaaaat 120
a 121

<210> 381
<211> 118

<212> DNA
 <213> Mus musculus

<400> 381
 ctgaggtgat gaagtctoga tcactagacg ggagatgctg ccaagtgccc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acattgcaaa aaaaaaaa 118

<210> 382
 <211> 105
 <212> DNA
 <213> Mus musculus

<400> 382
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc aacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgc 105

<210> 383
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 383
 ctagactgag tgatgaagtc tcgatcacta gacgggagat gctgccaagt gccccagacg 60
 ggatcaagac tccantgacn accataagat tccctaaagc taagacactg cagaaaaaaaa 120
 aaa 123

<210> 384
 <211> 182
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(182)
 <223> n = A,T,C or G

<400> 384
 gcttgctgaa gagganataa aaactgagca ggaggtggtg gaggggaatgg atatctctac 60
 tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
 tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaa 180
 aa 182

<210> 385
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 385
 agactgagtg atgaagtctc gatnctagac gggagatgct gccaaagtgtc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 120

<210> 386
 <211> 118

<212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

 <400> 386
 tagaggagtg tgaagtctcg atcctagacg ggagatgctg ccaagtgcc cagacggtat 60
 caagactcca atgacaacca taagattccn taaagctaag aactgcaaa aaaaaaaa 118

 <210> 387
 <211> 112
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(112)
 <223> n = A,T,C or G

 <400> 387
 gtgatgaagt ctcgatccta gacgggagan gctgccaagt gcccagacg ggatcaagac 60
 tccaatgaca nccataagat tccctaaagc taagacactg caaaaaaaaa aa 112

 <210> 388
 <211> 118
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

 <400> 388
 ctgaggtgat gaagtctcga tcctagacgg gagatgctgc caagngcccc ngacgggatc 60
 aagactccnn tgannancat nagattccct naagntaaga cactgcagaa aaaaaaaa 118

 <210> 389
 <211> 122
 <212> DNA
 <213> Mus musculus

 <400> 389
 agactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaggcta agacactgca ggaaaaaaaa 120
 aa 122

 <210> 390
 <211> 116
 <212> DNA
 <213> Mus musculus

 <400> 390
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc gacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcaaaaa aaaaaa 116

 <210> 391
 <211> 102
 <212> DNA
 <213> Mus musculus

<400> 391
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag ac 102

<210> 392
<211> 102
<212> DNA
<213> Mus musculus

<400> 392
tgagaagggt ggagttttaa tgattcaggg ggctctggcg gccaggctgg gcgatatggt 60
ccgcacctag actgttgagc tgggggtaga ggaaaaaaaa aa 102

<210> 393
<211> 133
<212> DNA
<213> Mus musculus

<400> 393
gaggtgcgcg tgtcgcccga ggccgcccggg acggagcgat tctcacggag gaaggagcac 60
cgccaacagg gcctgactgc gtacagacat gtccccctca ataaaattgc agttgaaatg 120
gaaaaaaaaag aaa 133

<210> 394
<211> 117
<212> DNA
<213> Mus musculus

<400> 394
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc aacgggatca 60
agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaaa 117

<210> 395
<211> 118
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(118)
<223> n = A,T,C or G

<400> 395
ctgggtgatg aatctcgatc actanacggg agatgctgcc aagtgcccc aacgggatcn 60
agactccaat gacaaccata agattcccta aagctaanac actgcactaa aaaaaaa 118

<210> 396
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 396
acactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtg cccagacgg 60
gatcaagact ccaatgacna ncataagatt ccctaaagct aagacactgc agaaaaaaaa 120
aa 122

<210> 397
<211> 111

<212> DNA
 <213> Mus musculus

<400> 397
 agactgaggt gatgaagtct cgatcactag acgggagacg ctgccaagtg cccagacgg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc a 111

<210> 398
 <211> 108
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(108)
 <223> n = A,T,C or G

<400> 398
 cctgaggtga tgaagtgtng atcactagac gggagatgct gccaaagtgc ccagacggga 60
 tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgc 108

<210> 399
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 399
 aactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 400
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 400
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgtcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag aactgcaaa aaaaaaaaa 118

<210> 401
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 401
 gactgaggtg atgaagtctc gatcactaga cggggagatg ctgccaagtg cccagacggg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc aaaaaaaaaa 120
 a 121

<210> 402
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 402
 aactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 403
 <211> 119
 <212> DNA
 <213> Mus musculus



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<210> 404
<211> 119
<212> DNA
<213> Mus musculus
```

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<210> 405
<211> 118
<212> DNA
<213> Mus musculus
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<210> 406
<211> 114
<212> DNA
<213> Mus musculus
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<220>  
<221> misc_feature  
<222> (1)...(114)  
<223> n = A,T,C or G
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<210> 407
<211> 120
<212> DNA
<213> Mus musculus
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<210> 408
<211> 190
<212> DNA
<213> Mus musculus

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<210> 409
<211> 193
<212> DNA
<213> Mus musculus
```

<400> 409
gaactgagct tggctgaaga ggaaataaaa actgagcagg aggtgggtgga ggggaatggat 60



atctctactc gctccaaaga tcctgtctct acagagaaaa cggccccgaa acggaagttc 120
cccagccctc cacattcttc caatggccat tcgccccaaag actcatccac gagccccatt 180
aaaaagaaaa aga 193

<210> 410
<211> 122
<212> DNA
<213> Mus musculus

<400> 410
agcactgagg tgatgaagtc tcgatcacta gacgggagat gctgccaagt gccccagacg 60
ggatcaagac tccaatgaca accataagat tccctaaagc taagacactg caaaaaaaaaa 120
aa 122

<210> 411
<211> 119
<212> DNA
<213> Mus musculus

<400> 411
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgccc cagacgggat 60
caaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 412
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 412
tgaggtgatg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatc 60
aagactccan tgacaaccat angattccct aaagctaaga cactgcaaaa aaaaaaa 117

<210> 413
<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 413
tccagactga gggattttatc aaagatgtcc cgaagactcc ctccagttgt ttttgaaaat 60
aattgggcaa ccanaaacgc caggttccgt ttaatgaagt gcgattacca ccaccacctg 120
atataaaaaa aaa 133

<210> 414
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 414

gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacanc cataagnttc cctaaagcta agacactgc 109

<210> 415
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 415
ttacacactg ggtgatgaag tctcgatcac tagacgggag atgctgccaa gtgccccaga 60
cgggatcaag nctncaatga caaccataag attccctaaa gctaagacac tgca 114

<210> 416
<211> 121
<212> DNA
<213> Mus musculus

<400> 416
taaacctggg tgatgaagtc tcggtcctag acgggagatg ctgccaagtg cccagacagg 60
gatcaagact ccgatgacaa ccataagatt ccctaaagct aagacactgc aaaaaaaaaa 120
a 121

<210> 417
<211> 117
<212> DNA
<213> Mus musculus

<400> 417
agactgggtg gaagtctcga tcctagacgg gagatgctgc caagtgcccc agacggggatc 60
aagactccaa tgacaaccat aagattccct aaagctaaga cactgcaaaa aaaaaaa 117

<210> 418
<211> 108
<212> DNA
<213> Mus musculus

<400> 418
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgccc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgca 108

<210> 419
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 419
gtgatgaagt tttcgatcac tagacgggag atgctgccaa gtgccccaga cgggatcaag 60
actccaatga caaccatang attccctaaa gctaagacac tgc 103

<210> 420
<211> 110
<212> DNA
<213> Mus musculus



<400> 420
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca 110

<210> 421
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 421
tgtgagacca tttagaggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc 60
ccagacggga tcaagactcc antgacaacc ataagattcc ctaaagctaa gacactgcaa 120
aaaaaaaaa 129

<210> 422
<211> 108
<212> DNA
<213> Mus musculus

<400> 422
tgaagtctcg atcctagacg ggagacgctg ccaagtgcc cagacgggat caagactcca 60
atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaaaa 108

<210> 423
<211> 108
<212> DNA
<213> Mus musculus

<400> 423
gactgaggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgc 108

<210> 424
<211> 121
<212> DNA
<213> Mus musculus

<400> 424
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 425
<211> 120
<212> DNA
<213> Mus musculus

<400> 425
actgaggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 120

<210> 426
<211> 125
<212> DNA
<213> Mus musculus

<400> 426
ttgacacact gaggtgatga agtctcgatc ctagacggga gatgctgcc agtgccccag 60

acgggatcaa gactccaatg acaaccataa gattccctaa gctaagacac tgcagaaaaa 120
aaaaa 125

<210> 427
<211> 117
<212> DNA
<213> Mus musculus

<400> 427
ctgaggtgat gaagtctcga tctactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaa 117

<210> 428
<211> 111
<212> DNA
<213> Mus musculus

<400> 428
tgatgaagtc tcgactcctag acgggagatg ctgccaaagt cccagacgg gatcaagact 60
ccaatgacaa ccacaagatt ccctaaagct aagacactgc aaaaaaaaaa a 111

<210> 429
<211> 120
<212> DNA
<213> Mus musculus

<400> 429
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 430
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 430
tgatgaagtc tcgactcacta gacgggagat gctgccaaagn gcccngacg ggatcaagac 60
tccnntgacn accatnagat tccctnaagn taagacactg caaaaaaaaaa aa 112

<210> 431
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 431
gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc gacgggatca 60
agactccaat gacnaccata agattcccta aagctaagac actgcagaaa aaaaaaa 117

<210> 432
<211> 120
<212> DNA
<213> Mus musculus



<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 432
cacttaggtg atgaagtctc gataactaga cgggagatgc tgccangtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 433
<211> 110
<212> DNA
<213> Mus musculus

<400> 433
gtgaagtctc gatcctagac gggagatgct gccaaagtgc ccagacggga tcaagactcc 60
aatgacaacc ataagattcc ctaaagctaa gacactgcag aaaaaaaaaa 110

<210> 434
<211> 123
<212> DNA
<213> Mus musculus

<400> 434
agacactgag gtgatgaagt ctgatcact agacgggaga tgctgccaag tgccccagac 60
gggatcaaga ctccaatgac aaccataaga ttccctaaag ctaagacact gcaaaaaaaaa 120
aaa 123

<210> 435
<211> 107
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(107)
<223> n = A,T,C or G

<400> 435
ctgggtgatg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatc 60
aagactncaa tggcnaccat aagantccc taaagctaag acactgc 107

<210> 436
<211> 119
<212> DNA
<213> Mus musculus

<400> 436
aagactgggt gtgaagtctc gatcctagac gggagatgct gccaaagtgc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaa 119

<210> 437
<211> 117
<212> DNA
<213> Mus musculus

<400> 437
tgaggtgatg aagtctcgat cctagacggg agatgctgcc aagtgcccc gacgggatca 60
agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaaa 117

<210> 438
<211> 131
<212> DNA

<213> Mus musculus

<400> 438

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gactgagtat ggcactgagg tgatgaagtc tcgatacctag acgggagatg ctgccaaagtg      60
ccccagacgg gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc      120
aaaaaaaaaa a                                     131
```

<210> 439

<211> 122

<212> DNA

<213> Mus musculus

<400> 439

```
agactgaggt gataaagcct cgatcactag acgggagatg ctgccaaagtg cccccagacgg      60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaaaaaaaaa      120
aa                                             122
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<210> 440

<211> 269

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(269)

<223> n = A,T,C or G

<400> 440

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attgtcttgc tgtgtgttct cttgttaacc agctgcctca actacagaga ttttctgcct      60
tgccctctaag tgctggatan ngaacgcntn aaaccaccnn naacccccca atccttgact      120
ctccccccagg gactggccac caaccaaaga atacacntgg ngggaccagg ctgcaaatgt      180
gacagaggat gaccttggtg accatctgat ctaaaggga tgggagaagc aaagaaaaac      240
atcttgtgat ccctatatgc aaaaaaaaaa                                     269
```

<210> 441

<211> 119

<212> DNA

<213> Mus musculus

<400> 441

```
gactgaggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga      60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaaa      119
```

<210> 442

<211> 120

<212> DNA

<213> Mus musculus

<400> 442

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agactgggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga      60
tcaagactcc gatgacaacc ataagattcc ctaaagctaa gacactgcaa aagaaaaaaaaa      120
```

<210> 443

<211> 119

<212> DNA

<213> Mus musculus

<400> 443

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gactgggtga tgaagtctcg atcactagac gggagatgct gccaaagtgcc ccagacggga      60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaaa      119
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<210> 444

<211> 118

<212> DNA
 <213> Mus musculus

<400> 444
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaaa 118

<210> 445
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 445
 gtgaagtctc gatcactaga cgggagatgc tgccgagtgc ccagacggg atcaagactc 60
 caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 110

<210> 446
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 446
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc gacgggatca 60
 agactccaat gacaaccgta agattcccta aagctaagac actg 104

<210> 447
 <211> 122
 <212> DNA
 <213> Mus musculus

<400> 447
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gagaaaaaaa 120
 aa 122

<210> 448
 <211> 117
 <212> DNA
 <213> Mus musculus

<400> 448
 gaggtgatga agtctcgatc actagacggg agatgctgcc aagtgcccc gacgggatca 60
 agactccaat gacaaccata agattcccta aagctaagac actgcagaaa aaaaaa 117

<210> 449
 <211> 114
 <212> DNA
 <213> Mus musculus

<400> 449
 gtgatgaagt ctcgatcact agacggggaga tgctgccaag tgccccagac gggatcaaga 60
 ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa aaaa 114

<210> 450
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 450
 ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
 caagactcca atgacaacca taagattccc taaagctaag acactgcaaa aaaaaaaa 118

<210> 451

<211> 116
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(116)
 <223> n = A,T,C or G

<400> 451
 ccatgggtgt aaagcctcaa tcactagacg gganatgctg ccaagngccc cagacggnat 60
 caagactcca atgacnacca taagattccc taaagctaag aactgcaaa aaaaag 116

<210> 452
 <211> 120
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(120)
 <223> n = A,T,C or G

<400> 452
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagctn agacactgca aaaaaaaaaa 120

<210> 453
 <211> 123
 <212> DNA
 <213> Mus musculus

<400> 453
 gaactgaggt gatgaagtct cgatcactag acgggagatg ctgccaagtgc cccagacggg 60
 gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc agaagaaaaa 120
 aaa 123

<210> 454
 <211> 121
 <212> DNA
 <213> Mus musculus

<400> 454
 gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
 atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
 a 121

<210> 455
 <211> 124
 <212> DNA
 <213> Mus musculus

<400> 455
 aagccctttg gtgatgaagt ctgatcact agacgggaga tgctgccaag tgccccagac 60
 gggattaaga ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa 120
 aaaa 124

<210> 456
 <211> 116
 <212> DNA
 <213> Mus musculus

<400> 456



aggtgatgaa gtctcgggtca ctagacggga gatgctgcc aagtccccag acgggatcaa 60
gactccaatg acaaccttaa gattccctaa ggctaagaca ctgcagaaaa aaaaaa 116

<210> 457
<211> 120
<212> DNA
<213> Mus musculus

<400> 457
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 458
<211> 121
<212> DNA
<213> Mus musculus

<400> 458
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 459
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 459
ccgtttgaag tctcgtccta gacgggagac gctgcnagt cccagacgg gatcaagact 60
ccaatgacna ccataagatt ccctaaagct aagacactgc aaaaaaaaaa a 111

<210> 460
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 460
agactgggtg tgaagtctcg tcactagacg ggagatgctg nccaagtgcc ccagacggga 60
tcaagactnc catgncaacc aataagattc cctaaagcta agacactg 108

<210> 461
<211> 105
<212> DNA
<213> Mus musculus

<400> 461
gtctcgatca ctagacggga gatgctgcc aagtccccag acgggatcaa gactccaatg 60
acaaccataa gattccctaa agctaagaca ctgcaaaaaa aaaaa 105

<210> 462
<211> 109
<212> DNA
<213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 462
gactgaggtg atgaagtctt gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacnac cataagattc cctaaagcta tgacactgc                    109

<210> 463
<211> 119
<212> DNA
<213> Mus musculus

<400> 463
cctgaggtga tgaagtctcg atcctagacg ggagatgctg ccaagtgccc cagacgggat      60
caagactcca atgacaacca taagattccc taaagctaag aactgcaga aaaaaaaaaa        119

<210> 464
<211> 158
<212> DNA
<213> Mus musculus

<400> 464
cactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag      60
ccccgagtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag      120
tgaagcacca tgaaactctt gtttgattaa aaaaaaaaaa                            158

<210> 465
<211> 125
<212> DNA
<213> Mus musculus

<400> 465
atgtctctat actccagcca gccagctggt gacgtgatag gcagaaggga ttggagagac      60
acaggtaaaag aagcccaatg agttattaaa ggtctatatt taaatctact ggtacaaaaa      120
aaaaa                                              125

<210> 466
<211> 128
<212> DNA
<213> Mus musculus

<400> 466
cgatgtctct atactccagc cagccagctg ttgacgtgat aggcagaagg gattggagag      60
acacaggtaa agaagcccaa tgagttatta aaggtctata tttaaactta ctggtacaaa      120
aaaaaaga                                              128

<210> 467
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 467
ctatactcca gccagccagc tggtgacgtg ataggcagaa gggattggag agacacaggt      60
naagaanccc aatgagttat taaaggncat tatttaaact tactggtaca aaaaaaaga      120

<210> 468

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<211> 118
 <212> DNA
 <213> Mus musculus

<400> 468
 tatactccag ccagccagct gttgacgtga taggcagaag ggattggaga gacacaggta 60
 aagaagccca atgagttatt aaaggctctat atttaaactct actggtacaa aaaaaaaa 118

<210> 469
 <211> 104
 <212> DNA
 <213> Mus musculus

<400> 469
 ccagctgttg acgtgatagg cagaagggat tggagagaca caggtaaaga agcccaatga 60
 gttattaaag gtctatatatt aaatctactg gtacaaaaaa aaaa 104

<210> 470
 <211> 138
 <212> DNA
 <213> Mus musculus

<400> 470
 gtgctgcctc gtcgatgtct ctatactcca gccagccagc tgttgacgtg ataggcagaa 60
 gggattggag agacacagggt aaagaagccc aatgagttat taaaggtcta tattttaaatc 120
 tactggtaca aaaaaaaa 138

<210> 471
 <211> 167
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(167)
 <223> n = A,T,C or G

<400> 471
 cagactgagt ctgacaggtt aatagcggna taagctgaac aatgtnacta tactcnagcc 60
 caccanctgt ngacagtgat angcagaagg gattggagag acacaggtaa agaagcccaa 120
 tgagttatta aaggtctata tttaaactcta ctggtacaaa aaaaaaa 167

<210> 472
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 472
 gccagccagc tgttgacgtg ataggcagaa gggattggag agacacagggt aaagaagccc 60
 aatgagttat taaaggtcta tattttaaatc tactggtaca aaaaaaaga 110

<210> 473
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 473
 ctgacaggtt aatagcagan gaagatcgaa naatgaanaa tataactcnag ccngccanct 60

ggtgncgtna taggcagaag ggattgnnna gacacaggta angangccca atgagttatt 120
aaaggtctat atttaaactt actggtacaa aaaaaaaaa 158

<210> 474
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 474
tcgaatgtct ctatactcca gccagccagc tgttgacgtg ataggcanaa gggattggag 60
agacacaggc aaagaagccc aatgagttat taaagggtcta tatttaaatac tactggtaca 120
aaaaaaaaa 129

<210> 475
<211> 189
<212> DNA
<213> Mus musculus

<400> 475
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtcc 120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcattccacg agccccatta 180
aaaaaaaaa 189

<210> 476
<211> 149
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 476
ctggctgcag tgctgcctcg tcnatgtctc tatactccag ccagccagct gttgacgtga 60
taggcagaag ggattggaga gacacangta aagaagccca atgagtnatt aaaggtctat 120
atttaaactt actggtacaa aaaaaaaga 149

<210> 477
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 477
gtctctatac tccagccagc cagctgttga cntnatangc agaagggatt ggagagacac 60
aggtnaagaa gcccantgag ttattaaagg tctatatatta annctactgg taaaaaaaa 119

<210> 478
<211> 150
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 478
 ggatactgct gcagtgctgc ctgctcgatg tctctatact ccagccagcc ngctgttgac 60
 gtgataggca tgaagggtt ggagagacac atnttnagaa gccaangag ttattaaagg 120
 tctatattta aatctactgg tgcaaaacat 150

<210> 479
 <211> 145
 <212> DNA
 <213> Mus musculus

<400> 479
 gctgcagtg tgcctcgctg atgtctctat actccagcca gccagctgtt gacgtgatag 60
 gcagaaggga ttggagagac acagglaaag aagcccaaty agttattaaa ggtctatatt 120
 taaatctact ggcacaaaaa aaaaa 145

<210> 480
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 480
 gagcactgag gctgaagagg agaatcccag attgccttcc tcacaagatc tggcagccag 60
 agccccgagt cccccaagcc cagtgagcag ttcanatata aaaccgcaca taacaagaaa 120
 agtgaagcac catgaaactc ttgttttggtt aaaaaaaaaa a 161

<210> 481
 <211> 145
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(145)
 <223> n = A,T,C or G

<400> 481
 gaggagaatc ccagattgcc ttnttcacaa gatctggcat gccagagccc ngagtcccc 60
 aagcccagtg ngcagttcaa atataaaaacc gcacataaca ngaaaagtga agcaccatga 120
 aactcttggt tgattaaaaa aaaaa 145

<210> 482
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 482
 gcatggatct ggctgcagtg ctgcctcgnc gatgtctcta tactccancc agccngctgt 60
 tgacgtgata ggcnaaaggg attggagaga cacaggtgaa gaaccccnat gagttattaa 120

nggtntatat ttaaatctac tggttc

146

<210> 483
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 483
atgtagccat ggctactagg ctagengatg ctgcctcgt cgattgtctc tatactccag 60
ctcanncagc tgtctgaeng tgataggcan aaggattgg agagacacag gtagnanaan 120
cccaatgagt tattaaaggt ctatatTTaa atctactggt acaa 164

<210> 484
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 484
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
tctctactcg ctccaaagat nctgtnncta cagagaaaac ggccccgaaa cggaagtncc 120
ccagccctgc acattcctcc aatgnccatt cccccacna ctcatccacg agccccatta 180
aaaaaaaaa 189

<210> 485
<211> 189
<212> DNA
<213> Mus musculus

<400> 485
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
ccagccctgc acattcctcc aatggccatt cgccccagga ctcatccacg agccccatta 180
aaaaaaaaa 189

<210> 486
<211> 188
<212> DNA
<213> Mus musculus

<400> 486
actgagcttg gctgaagagg aaataaaaaac tgagcaggag gtggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaac gccccgaaac ggaagttccc 120
cagccctcca cattcctcca atggccattc gccccagac tcatccacga gccccattaa 180
aaaaaaaaa 188

<210> 487
<211> 352
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(352)

<223> n = A,T,C or G

<400> 487

gactgagatg	agctccagta	cctgcactnt	ancccagaag	ccctgaagtg	tgggccccgt	60
accctctgta	cccagcggag	ttagegcctg	ctcttctctc	tcctgccgct	ttcacctacc	120
ccgcttcact	gcatgccag	aggcncgtga	nacatgccta	ngannncact	tengannntt	180
gganactnct	ncagcacatg	atgatgcngc	nctgggaang	ngnntgncac	atatnaacct	240
actgcagacn	atnaaaggga	gcttntnagg	ggaatntatt	acnaaccac	tncttcccc	300
ttttgnaaaa	nanaactgtt	ntttnacaat	gtttgaaaaa	aatcaataaa	aa	352

<210> 488

<211> 126

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 488

atgtctctat	actccagcca	gccngctgtt	gacgtgatag	gcatganggg	attggagaga	60
cacaggtaaa	gaagcccaat	gagttattaa	aggcctatat	ttaaatctac	tggtacaaaa	120
aaaaaa						126

<210> 489

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 489

actgggctgg	atctggctgc	agtgcnnnct	cgtcgatgtc	tctatactcc	agccagccag	60
ctgttgacgt	gataggcagg	agggattgga	gagacacagg	taaagaagcc	caatgagtta	120
ttaaaggtct	atattttaa	ctactggtac	aaaaaaaaa			160

<210> 490

<211> 126

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(126)

<223> n = A,T,C or G

<400> 490

ggctgcctca	acaatgacna	tatactccng	ccanccagct	gttnacgtga	tatgcagaag	60
gnattgnaga	gacacangta	aagaggccca	atgagttatt	aaaggncat	atttaaactt	120
actggt						126

<210> 491

<211> 131

<212> DNA

<213> Mus musculus

<400> 491

aggcgatgtc	tctatactcc	agccagccag	ctgttgacgt	gataggcaga	agggattgga	60
gagacacagg	taaagaagcc	caatgagtta	ttaaaggtct	atattttaa	ctactggtac	120



aaaaaaaaaag a

131

<210> 492
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 492
ctgggtgtga atctcgatcc tanacgggag atgctgccaa gtgccccaga cgggatcaag 60
actccaatga caaccataag attccctaaa gctaagacac tg 102

<210> 493
<211> 119
<212> DNA
<213> Mus musculus

<400> 493
gactgggtga tgaagtctcg atcctagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcgaa aaaaaaaaa 119

<210> 494
<211> 102
<212> DNA
<213> Mus musculus

<400> 494
gggtgtgaag tctcgatccc agacgggaga tgctgccaa tgccccagac gggatcaaga 60
ctccaatggc aaccataaga tccctaaa ctaagacact gc 102

<210> 495
<211> 118
<212> DNA
<213> Mus musculus

<400> 495
ctgaggtgat gaagtctcga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcaaa aaaaaaaa 118

<210> 496
<211> 118
<212> DNA
<213> Mus musculus

<400> 496
gactgagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc cagccctcca 60
cattcctcca atggccattc gcccgaagac tcattccacga gcccattaa aaaaaaaa 118

<210> 497
<211> 192
<212> DNA
<213> Mus musculus

<400> 497
ggacacactg agcttggtg aagaggaaat aaaaactgag caggaggtgg tggagggaat 60
ggatatctct actcgctcca aagatcctgt ctctacagag aaaacggccc cgaaacggaa 120
gttccccagc cctccacatt cctccaatgg ccattcgccc caagactcat ccacgagccc 180
caaaaaaaaa aa 192

[illegible]

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<210> 499
<211> 113
<212> DNA
<213> Mus musculus
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<210> 500
<211> 172
<212> DNA
<213> Mus musculus
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<400> 500
ccccctttc actgcagcng gntctggctg cantgctgcc tcgnacgatg tctctatact    60
ccagccagcc agctgttgac gtgatangca caagggattg gagagacaca ggtaaagang    120
cccantgagt tattaaaqgt ctatatTTaa atctactggt acaaaaaaaaa aa          172
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<210> 501
<211> 109
<212> DNA
<213> Mus musculus
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<210> 502
<211> 152
<212> DNA
<213> Mus musculus
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<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G
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<210> 503
<211> 149
<212> DNA
<213> Mus musculus
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90



tctggctgca gtgctgcctc gtcgatgtct ctatactcca gccagccagc tgttgacgtg 60
ataggcagaa gggattggag agacacaggt aaagaagccc aatgagttat taaaggtcta 120
tatttaaate tactggtaca aaaaaaaaaa 149

<210> 504
<211> 119
<212> DNA
<213> Mus musculus

<400> 504
agactgggtg atgaagtctc gatcctagac gggagatgct gccaaagtgc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 505
<211> 194
<212> DNA
<213> Mus musculus

<400> 505
ttgaagactg agcttggctg aagaggaaat aaaaactgag caggaggtgg tggaggggaat 60
ggatatctct actcgctcca aagatcctgt ctctacagag aaaacggccc cgaaacggaa 120
gttccccagc cctccacatt cctccaatgg ccattcgccc caagactcat ccacgagccc 180
cattaaaaaa aaaa 194

<210> 506
<211> 124
<212> DNA
<213> Mus musculus

<400> 506
gttgagactg tggtttgaag tcttgatcct agacgggaga tgctgccaag tgccccggac 60
gggatcaaga ctccaatgac aaccataaga ttccctaag ctaagacact gcagaaaaaa 120
aaaa 124

<210> 507
<211> 121
<212> DNA
<213> Mus musculus

<400> 507
aagactgggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccggacggg 60
atcaagactc caatgacaac cataagattc ctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 508
<211> 120
<212> DNA
<213> Mus musculus

<400> 508
agactgggtg tgaagtctcg atcactagac gggagatgct gccaaagtgc ccggacggga 60
tcaagactcc aatgacaacc ataagattcc cttaaagctaa gacactgcag aaaaaaaaaa 120

<210> 509
<211> 121
<212> DNA
<213> Mus musculus

<400> 509
agactgggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
atcaagactc caatgacaac cataagattc ctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 510
 <211> 192
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(192)
 <223> n = A,T,C or G

<400> 510
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 acanccgac acttacanag ggacgggcat cctcttctga cctctgagga cattgtacat 120
 gcatggtgca tagatttaca tgcaagcaaa cgctgtaca cgtaaaataa gtaataaaag 180
 tctttaacac at 192

<210> 511
 <211> 118
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(118)
 <223> n = A,T,C or G

<400> 511
 tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagntncc cagcccttca 60
 cattcctcca atggccattc gncccaagac tcatccacga gcccattaa aaaaaaaa 118

<210> 512
 <211> 143
 <212> DNA
 <213> Mus musculus

<400> 512
 ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg agtcccccaa 60
 gcccagtgag cagttcaaata ataaaaccgc acataacaag aaaagtgaag caccatgaaa 120
 ctcttggttg attaaaaaaaa aaa 143

<210> 513
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 513
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 gtcccccaag cccagtgagc agttcaaata taaaaccgca cataataaga aaagtgaagc 120
 accatgaaac tcttggttga ttaaaaaaaaa aa 152

<210> 514
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)

<223> n = A,T,C or G

<400> 514
 tgtcttcaact cacaagatct ggcagncaag agccccgagL cccccaagcc cagtgagcag 60
 ttcaaatata aaaccgcaca taacaagaaa agtgaagcac catgaaactc ttgtttgatt 120
 gaaaaaaaaa aa 132

<210> 515
 <211> 113
 <212> DNA
 <213> Mus musculus

<400> 515
 agatcctgtc tctacagaga aaacggcccc gaaacggaag ttccccagcc ctccacattc 60
 ctccaatggc cattcgcccc aagactcatt cactgagcccc attaaaaaaaa aaa 113

<210> 516
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 516
 gactgagctt tgaattcatg agaaagaaga gtgtgaaaca agaagcaaag atcgggttgg 60
 aagagggcaa gaggaagg gggtgatggaa ggaaaccctg cagccaccaa cacaataaac 120
 acaataaact gtatcctgac cactcaaaa aaaaaaa 157

<210> 517
 <211> 168
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(168)
 <223> n = A,T,C or G

<400> 517
 actgaggaag tttggtgagc ggntctccacc canncgactc actaggggaag ctatgcnaca 60
 ttattttaanc agaacgatgg ggatcaaaca gtgctcattc ttcattgcaaa agttgcacag 120
 aagtctnacg gaaatgaaaa acgattnttt tgccctcctc cttgtgtg 168

<210> 518
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 518
 aaaactactc tgcataatnac tcttcacaag catnaacaag tgatcttcca cccctctgcc 60
 tctcctctgc aanaacagcn agtgctctta acctgttaat catggagcat tttaactag 119

<210> 519
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(134)



<223> n = A,T,C or G

<400> 519
gaaaactact ctgcatatna ctcttcanaa gcantaacaa gtgatcttcc acccctctgc 60
ctctcctctg cnagaacagc nagtgetctt aacctgttaa tcatggagca ttttcactag 120
cataaaagaa aaaa 134

<210> 520
<211> 118
<212> DNA
<213> Mus musculus

<400> 520
ctgaggatgat gaagtctcga tcctagacgg gagatgctgc caagtgcccc agacgggatc 60
aagactccaa tgacaacat aagattccct aaagctaaga cactgcagaa aaaaaaaaa 118

<210> 521
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 521
ctgaggatct agactgaggt gangaagnct cgatcctaga cgggagatgc tgccaagtgc 60
cccagacggg atcaagactc caatgacnac cataagattc cctaaagcta agacactgca 120

<210> 522
<211> 196
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(196)
<223> n = A,T,C or G

<400> 522
tttgacacac tgagcttggc tgaanaggaa ataaaaactg agcaggaggt ggtggaggga 60
atggatatct ctactcgctc canagatnct gtctctacag agaaaacggc ccgaaaacgg 120
aagttcccca gccctccaca ttctctcaat ggccattcgc cccaagactc atccacgagc 180
cccatataaa aaaaaa 196

<210> 523
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 523
ctagggaagc tatgcnanat nattttaaag aacgagggga tcaaacagtg ctcatctctc 60
atgcaaaaagt tgcacagaag tcttacggaa atgaaaaacg atttttttgc cctcctcctt 120
gtgtgtatct tatgggcagt gggttgaaaa aaaaaa 157

<210> 524
<211> 116

<212> DNA
 <213> Mus musculus

<400> 524
 ctgggtgtga agcctcgatc ctagacggga gatgctgcc aagtccccag acgggatcaa 60
 gactccaatg acaaccataa gattccctaa agctaagaca ctgcagaaaa aaaaaa 116

<210> 525
 <211> 193
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(193)
 <223> n = A,T,C or G

<400> 525
 acagactgag cttggctgaa gangaaataa aaactganca ggaggtggng ggaggggaatg 60
 gatattctnta ctgctcctaa agatcctgtc tctacagaga aaacggcccc gaaacggaag 120
 ttccccagcc ctccacattc ctccaatggc cattcgcccc aagactcatc cacgagcccc 180
 attaaaaaaaa aaa 193

<210> 526
 <211> 164
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(164)
 <223> n = A,T,C or G

<400> 526
 ccctgacgga gctggancta caatgcnact gngaaaaacta cnttgcatac nacnnttcac 60
 aagcagtaac aagtgaactt ccacccctct gctctctctc tgcaaagaac agcaagtgtc 120
 cttaacctgt taatcatgga gcatttttcac tagcaaaaaa aaaa 164

<210> 527
 <211> 196
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(196)
 <223> n = A,T,C or G

<400> 527
 tcaattttaca cctgcgatca ctgncanct gacttcaagt ctctggcnaa cctgacggac 60
 nnccggnccc accgctgtcc tggaggtaat gctaaatagc gccgggattc tgacaggtgg 120
 ttacacggat aattggacat agcaccagct tgaagcctca cgtgagatta aagaattant 180
 aatgtaaaaa aaaaaa 196

<210> 528
 <211> 178
 <212> DNA
 <213> Mus musculus

<400> 528
 aggtcagtca gctccccctgg tggagctgga gctacaagca actgtgaaaa ctactctgca 60
 tattactctt caaaggcagt aacaagtgat cttccacccc tctgcctctc ctctgcaagg 120
 aacaagcaag tgctcttaac ctgttaatac tggagcattt tcactaataa caaaaaaa 178

<210> 529
 <211> 158
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

 <400> 529
 gactgaggct gaagaggnga atcccatatt gcnttcactc acaagatctg gcagccagag 60
 ccccgagtc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
 tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

 <210> 530
 <211> 225
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(225)
 <223> n = A,T,C or G

 <400> 530
 caccctgagg cctgtgctnc atactgnttt gaagataana aacctgcttg gctngnaang 60
 aggttcccaa atgggggaaac tcaatagtag ttcccctgtg ccaccactct gggcctttta 120
 atgccaagaa agaattcagc cgcagaagac cttggagatg gtggcggacg tgcagaatga 180
 tggaggactt gcagaaacca tngaccccg gaccccaaac ctttt 225

 <210> 531
 <211> 162
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

 <400> 531
 aggaccacc caggggntca caaccgttca nttccanagg gacgggcatc ctnttntgac 60
 ctntgaggac ntngtacatg catggggcat agattcacat gcaagcaaac gcctgtncac 120
 gtaaagttaa gtaacaaaaa gtctttacca cacaaaaaaa aa 162

 <210> 532
 <211> 207
 <212> DNA
 <213> Mus musculus

 <220>
 <221> misc_feature
 <222> (1)...(207)
 <223> n = A,T,C or G

 <400> 532
 aactgagtga gagactgaga tgaaaagant gngagagach ggcttgcttt tnnagaggac 60
 nantcncgag gnncagaacc ngccnacttn cagagggact gggcatacta ttctgacctn 120
 tgaggacatt gaacatacat ggngcataga tttacatgca agcaaacgcc tgtacacgta 180
 aaataagnaa taaaagtctt taacaca 207

 <210> 533



<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 533
agactgaggt ggttgaagac tgggggcnng agngctttgn aaacagaaga cctgcaggaa 60
atgccgagta atgacttggt ttggttcacc ctccctgctc ccgtcttctt ttaaaacaaa 120
taaacggaat ggaaacgcc acattactta caaaaaaaaa a 161

<210> 534
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 534
ttctgacctc tgaggacatt gnacatgcat ggtgcataga ttacatgca agcaaacgcc 60
tgtacacgta aaataagtaa taaaagtctt taacacgaaa aaaa 104

<210> 535
<211> 188
<212> DNA
<213> Mus musculus

<400> 535
actgagcttg gctgaagagg aaataaaaaac tgagcaggag gtggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaaac gccccgaaac ggaagttccc 120
cagccctcca cattctcca atggccattc gcccgaagac tcatccacga gcccattaa 180
aaaaaaaa 188

<210> 536
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 536
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tcttcaaaag cagtaacaag tgatcttcca cccctctgcc tctcctctgc aagaacagna 120
nagtgtcttt aacctgttaa tcatggagca ttttcactag c 161

<210> 537
<211> 120
<212> DNA
<213> Mus musculus

<400> 537
gactgaggtg atgaagtctg gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 538
 <211> 125
 <212> DNA
 <213> Mus musculus

<400> 538
 aggagtgcctt tgcaaacaga agacctgcag gaaatgccga gtaatgactt gtgttggttc 60
 accctccctg ctcccgctctt cttttaaaaac aaataaacag aatggaaacg cccacaaaaa 120
 aaaaa 125

<210> 539
 <211> 234
 <212> DNA
 <213> Mus musculus

<400> 539
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 ccaggtgggt tcacaaccg ttcactttcc agaggggacg gggcatcctc ttctgacctc 120
 tggaggacat tgtacatgca tgggtgcatag atttaccatgc aaagcaaacg cctgtacacg 180
 taaaataagt aataaaaagtc tttaacacat ctcttttaag ttcaaaaaaa aaaa 234

<210> 540
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 540
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 gagccccgag tcccccaagc ccagtgagca gttcaaataa aaaaccgcac ataacaagaa 120
 aagtgaagca ccatgaaact cttgtttgat taaaaaaaaa a 161

<210> 541
 <211> 163
 <212> DNA
 <213> Mus musculus

<400> 541
 ttggagactg ggctgaagag gagaatccca gattgccttc actcacaaga tctgggcagc 60
 cagagccccg agtcccccaa gccagtgag cagttcaaat ataaaaccgc acataacaag 120
 aaaagtgaag caccatgaaa ctcttggttg attaaaaaaaa aaa 163

<210> 542
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 542
 aggctgaaga ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg 60
 agtcccccaa gccagtgag cagttcaaat atnaaaccgc acataacaag aaaagtgaag 120
 caccatgaaa ctcttggttg attaaaaaaaa aaa 153

<210> 543
 <211> 155

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 543
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cgagtccccc angcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
agcaccatga aactcttggt tgattaaaaa aaaaa 155

<210> 544
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 544
gattgctttg caaacagaag acctgcagga aatgccgagt aatgacttgt gttgggtcac 60
cctccctgct cccgtcttcc tttaaaacaa ataancagaa tggaacgcc ca 112

<210> 545
<211> 163
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 545
tttacacact gagctgantn gagaatccca gtactgcctt cactcgcaag atctggcagc 60
cagagccccc agtcccccaa gccagtgag cagntcaaat ntaaaaccgc acataacaag 120
aaaagtgang caccatgaaa ctcttggttg attaaaaaaa aaa 163

<210> 546
<211> 160
<212> DNA
<213> Mus musculus

<400> 546
cagactgagg ctgaagagga gaatcccaga ttgccttcac tcacaagatc tggcagccag 60
agccccgagt cccccaagcc cagtgagcag ttcaaataaa aaaccgcaca taacaagaaa 120
agtgaagcac catgaaactc ttgtttgatt aaaaaaaaaa 160

<210> 547
<211> 218
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(218)
<223> n = A,T,C or G

<400> 547

ttgagaattc	ctaaganggt	ncagaganta	caagagctgg	ctgcttttcc	agaggaccca	60
cccacnggct	canaactcgt	tcactnnncan	agggacgggc	ngnctcttct	gacctctgag	120
gacattgtac	atgcatgggt	gcatagattt	tacatgcaag	caaacgcctg	tncacgtaaa	180
aataagtaat	aaaagtcttt	aacacatcaa	aaaaaaaa			218

<210> 548
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 548	
ctgaggctga	agaggagaat
cccagattgc	cttcactcac
ccgagtcccc	caagcccagc
aagcaccatg	aaactcttgt
ttgattaaaa	aaaaaa
	60
	120
	156

<210> 549
 <211> 135
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(135)
 <223> n = A,T,C or G

<400> 549	
ccagattgcc	ttcactcaca
agcagttcaa	atataaaacc
tgattaaaaa	aaaaaa
	60
	120
	135

<210> 550
 <211> 149
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(149)
 <223> n = A,T,C or G

<400> 550	
tgaagaggag	aatcccagnt
ccccaagccc	agtgagcagt
atgaaactct	tgtttgatta
	60
	120
	149

<210> 551
 <211> 156
 <212> DNA
 <213> Mus musculus

<400> 551	
ctgaggctga	agaggagaat
ccgagtcccc	caagcccagc
aagcaccatg	aaactcttgt
ttgattaaaa	aaaaaa
	60
	120
	156

<210> 552
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 552	
ctgaggctga	agaggagaat
ccgagtcccc	caagcccagc
	60
	120



agactgaggc tgaaggggag aatcccagat tgccttcact cacaagatct ggcagccaga 60
gccccgagtc ccccaagccc agtgagcagt tcaaataataa aaccgcacat aacaagaaaa 120
gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa 159

<210> 559
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 559
acagactggg ctgaagagga naatcccaga ttgccttcct cacaagatct ggcagccaga 60
gccccgagtc ccccaagtcc agtgagcagt tcaaataataa naccgcacat aacaagaaaa 120
gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa 159

<210> 560
<211> 157
<212> DNA
<213> Mus musculus

<400> 560
agactgggct gaagaggaga atcccagatt gccttcctca caagatctgg cagccagagc 60
cccagagtc ccaagcccag tgggcagttc aaatataaaa ccgcacataa caagaaaagt 120
gaagcaccat gaaactcttg ttgattataa aaaaaaaaaa 157

<210> 561
<211> 217
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(217)
<223> n = A,T,C or G

<400> 561
actgaggctg aagattacaa tnancctggct gcttttccag agggaccac ccagtgggnt 60
tcacaacccg ttccactttc cagaaggagc ggggcatcct cttttgacct ctgnggacat 120
tgtacatgca tggngcatag atttacatgc aagcaaacgc ctgtncctgt aaaataagta 180
ataaaagtct ttaacacatc tctttaagaa aaaaaaaaaa 217

<210> 562
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 562
tcatttcttc ttccttttncn gtttacctna atttaacccc nncctttncn acaactgnggc 60
atggactggc tgcagtgtcg cctcgtagat gtctctatac tccagccagc cngctgntga 120
cgtnatnggc ngaagggatn ggngagacac aggtnaagaa ncccantgag ttatttaaagg 180
tctatatatt aaatctactg gttcaaaaaa aaaaaa 215

<210> 563
<211> 105



<212> DNA
<213> Mus musculus

<400> 563
ccagctgttg acgtgatagg cagaagggat tggagagaca caggtaaaga agcccaatga 60
gttattaaag gtctatattt aaatctactg gtacaaaaaa aaaga 105

<210> 564
<211> 187
<212> DNA
<213> Mus musculus

<400> 564
ctgagcttgg ctgaagagga aataaaaaact gagcaggagg tgggtggaggg aatggatatc 60
tctactcgct ccaaagatcc tgtctctaca gagaaaacgg ccccgaaacg gaagttcccc 120
agccctccac attcctccaa tggccattcg ccccaagact catccacgag ccccatataa 180
aaaaaaa 187

<210> 565
<211> 160
<212> DNA
<213> Mus musculus

<400> 565
agaactgagg ctgaagagga gaatcccaga ttgccttcac tcacaagatc tggcagccag 60
agccccgagt cccccaagcc cagtgagcag ttcaaatata aaaccgcaca taacaagaaa 120
agtgaagcac catgaaactc ttgtctgatt aaaaaaaaaa 160

<210> 566
<211> 168
<212> DNA
<213> Mus musculus

<400> 566
gcctgggtct agaagtccga agagggtcagt cagctccctt ggtggagctg gagcccaagc 60
aactgtgaaa actactctgc atattactct tcaaaaagcag taacaagtga tcttccaccc 120
ctctgcctct cctctgcaag aacagcaagt ggctttaacc cggtaaac 168

<210> 567
<211> 119
<212> DNA
<213> Mus musculus

<400> 567
ctgaggtgat gaagtctcga ttactagacg ggagatgctg ccaagtgcc cggacgggat 60
caagactcca ataacaacca taagattccc taaagctaag aactgcaga aaaaaaaaaa 119

<210> 568
<211> 116
<212> DNA
<213> Mus musculus

<400> 568
ctgggtgtga agtctcgatc actagacggg agacgctgcc aagtgcccc gacgggatca 60
agactccaat gacaaccata agattcccta aagctaagac actgcaaaaa aaaaaa 116

<210> 569
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

09580711-061201

<222> (1)...(159)

<223> n = A,T,C or G

<400> 569

cagactgagc	tttgaattcn	ngagaangaa	gagtgtgaaa	caagaagcaa	agatcggggt	60
ggaagagggc	aagaggaaa	gggggggatg	aaggaaaccc	tgagccacc	aacacaataa	120
acacaataaa	ctgtatcctg	accacctcaa	aaaaaaaaa			159

<210> 570

<211> 122

<212> DNA

<213> Mus musculus

<400> 570

agactgaggt	gatgaagtct	cgatcactag	acgggagatg	ctgccaaagt	ccccagacgg	60
gatcaagact	ccaatgacaa	ccataagatt	ccctaaagct	aagacactgc	agaaaaaaaa	120
aa						122

<210> 571

<211> 103

<212> DNA

<213> Mus musculus

<400> 571

tcgatcacta	gacgggagat	gctgccaaagt	gccccagacg	ggatcaagac	tccaatgaca	60
accataagat	tccctaaagc	taagacactg	cagaaaaaaaa	aaa		103

<210> 572

<211> 118

<212> DNA

<213> Mus musculus

<400> 572

ctgttgtgat	gaagtctcga	tcactagacg	ggagatgctg	ccaagtgcc	cagacgggat	60
caagactcca	atgacaacca	taagattccc	taaagctaag	acactgcgaa	aaaaaaaaa	118

<210> 573

<211> 119

<212> DNA

<213> Mus musculus

<400> 573

ctgaggtgat	gaagtctcga	tcactagacg	ggagatgctg	ccaagtgcc	cagacgggat	60
caagactcca	atgacaacca	taagattccc	taaagctaag	acactgcgaa	aaaaaaaaa	119

<210> 574

<211> 116

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(116)

<223> n = A,T,C or G

<400> 574

gccctgaggt	gatgaagtct	cgatcactag	acgggagatg	ctgccaaagt	ccctagacgg	60
gatcaagact	ccaatgncaa	ccataagatt	ncctaaagct	aagacactgc	agaaaaa	116

<210> 575

<211> 120

<212> DNA

<213> Mus musculus



<400> 575
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaggcta agacactgca aaaaaaaaaa 120

<210> 576
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 576
ctgaggtgat gaagtctnga tcactagacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcaga aaaaaaaaaa 119

<210> 577
<211> 118
<212> DNA
<213> Mus musculus

<400> 577
actgagatcc tgtctctaca gagaaaacgg ccccgaaacg gaagttcccc agccctccac 60
attcctccaa tggggcattc gccccaagac tcattccacga gcccattaa aaaaaaaa 118

<210> 578
<211> 146
<212> DNA
<213> Mus musculus

<400> 578
gaggagaatc ccagattgcc ttacttcaca agatctggca ggccagagcc ccgagtcgcc 60
caagcccagt gacgagttca aatataaaac cgcacataac aagaaaagtg aagcaccatg 120
aaactcttgt ttgattaaaa aaaaaa 146

<210> 579
<211> 113
<212> DNA
<213> Mus musculus

<400> 579
atatggcagc cagagccccg agtcccccaa gccagtgag cagttcaa ataaaaaccgc 60
acataacaag aaaagtgaag caccatgaaa ctcttggttg attaaaaaaaaa aaa 113

<210> 580
<211> 116
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 580
gccttcactc acaagatctg gctgccagag ccccgagtcc ccccgcccag tgagcanttc 60
aaatatgaaa ccgcacataa caagaaaagt gaagcaccat gaaactcttg ttgat 116

<210> 581
<211> 157
<212> DNA

09880711.064604

<213> Mus musculus

<400> 581

gactgaggct	gaagaggaga	atcccagatt	gccttcctca	caagatcttg	cagccagagc	60
cccgagtccc	ccaagcccag	tgagcagttc	aaatataaaa	ccgcacataa	caagaaaagt	120
gaagcaccat	gaaactcttg	tttgattaaa	aaaaaaa			157

<210> 582

<211> 157

<212> DNA

<213> Mus musculus

<400> 582

gactgaggct	gaagaggaga	atcccagatt	gccttcactc	acaagatctg	gcagccagag	60
ccccgagtcc	ccaagccca	gtgagcagtt	caatataaaa	ccgcacataa	caagaaaagt	120
gaagcaccat	gaaactcttg	tttgattaaa	aaaaaaa			157

<210> 583

<211> 157

<212> DNA

<213> Mus musculus

<400> 583

gactgaggct	gaagaggaga	atcccagatt	gccttcactc	acaagatctg	gcagccagag	60
ccccgagtcc	ccaagcccag	tgagcagttc	aaatataaaa	ccgcacataa	caagaaaagt	120
gaagcaccat	gaaactcttg	tttgattaaa	aaaaaaa			157

<210> 584

<211> 158

<212> DNA

<213> Mus musculus

<400> 584

gactgaggct	gaagaggaga	atcccagatt	gccttcactc	acaagatctg	gcagccagag	60
ccccgagtcc	ccaagccca	gtgagcagtt	caaatataaa	accgcacata	acaagaaaag	120
tgaagacca	tgaactctt	gtttgattaa	aaaaaaaa			158

<210> 585

<211> 140

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(140)

<223> n = A,T,C or G

<400> 585

aagaaattaa	attagccgtt	ttcgccgagg	cccgccagga	cggagcgatt	ctacggagga	60
aggagcacgc	caacagggcc	tgactgcgta	cagaaatgcc	ccccctcaat	aaaattgcng	120
ttgaaatgga	aaaaaaaaa					140

<210> 586

<211> 110

<212> DNA

<213> Mus musculus

<400> 586

gactgagggtg	atgaagtctc	gatacactaga	cgggagatgc	tgccaagtgc	cccagacggg	60
atcaagactc	cagtgacaac	cataagattc	cctaaagcta	agacactgca		110

<210> 587

<211> 112



<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 587
ccatttgagg tgacgaagtc tctatcacta gacgggagat gctgccaaagt gccccagacg 60
ggatcaagac tccnttgaca accataagat tccctaaagc taagacactg ca 112

<210> 588
<211> 137
<212> DNA
<213> Mus musculus

<400> 588
gctctgggga gctccagaac tgagggtgatg aagtctcgat cctagacggg agatgctgcc 60
aagtgcccc gacgggatca agactccaat gacaaccata agattcccta aagctaagac 120
actgcagaaa aaaaaaa 137

<210> 589
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 589
gtgatgaagt ctcgatcact agacgggaga tgctgccaaag ngccccagac gggatcaaga 60
ctccaatgac aaccataaga ttccctaaag ctaagacact gcagaaaaaa aaaa 114

<210> 590
<211> 119
<212> DNA
<213> Mus musculus

<400> 590
tgaagtgatg aagtctcgat cactatgacg ggagatgctg ccaagtgcc cagacgggat 60
caagactcca atgacaacca taagattccc taaagctaag aactgcaga aaaaaaaaa 119

<210> 591
<211> 122
<212> DNA
<213> Mus musculus

<400> 591
gaactgaggt gatgaagtct cgatcactag acgggagatg ctgccaaagt cccccagacgg 60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aagacactgc gaaaaaaaaa 120
aa 122

<210> 592
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)



ttccagaggg acagggcatc ctcttctgac ctctgaggac attgtacatg catggtgcat 120
agatttacat gcaagcaaac gcctgtacac gtaaganaag taataaaagt ctttaacaca 180
tctctttaaa g 191

<210> 597
<211> 169
<212> DNA
<213> Mus musculus

<400> 597
agactgggtg gagactgagg ctgaagagga gaatcccaga ttgccttcct cacaagatct 60
ggcagccaga gccccgagtc ccccaagccc agtgagcagt tcaaataata aaccgcacat 120
aacaagaaaa gtgaagcacc atgaaactct tgtttgatta aaaaaaaaa 169

<210> 598
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 598
agagaatccc agattgcctt cactcacaag atctggcagc cagagccccg agtcccccaa 60
gccagtgag cagttcaaata ataaaaccgc acatancaag aaaagtgaag caccatgaaa 120
ctcttgtttg attaaaaaaaa aaa 143

<210> 599
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 599
tcacaagatc tggcancnag anccccgagt cccccaagcc cagtgagcng ttnaaannta 60
naaccgcaca tatcaganaan aaggagaagc accatgaaac tcttgtttga ttaaaaaaaaa 120
aa 122

<210> 600
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 600
ttgttgacgg gctctcaagg cncacaaccg tnnactttca gagggacggg catactnttc 60
tgacctntga ggacattgna catgcatggt gcatagattt acatgcaagc aaacgcctgt 120
acacgtaaaa taagnaataa aagtccttaa cacaaaaaaa a 161

<210> 601
<211> 189
<212> DNA
<213> Mus musculus

0960711-061201



<400> 601
aagactgagc ttggctgaag aggaaataaa aactgagcag gaggtggtgg agggaatgga 60
tatctctact cgctccaaag atcctgtctc tacagagaaa acggccccga aacggaagtt 120
ccccagccct ccacattcct ccaatggcca ttgccccaa gactcatcca cgagcccca 180
aaaaaaaaa 189

<210> 602
<211> 160
<212> DNA
<213> Mus musculus

<400> 602
actgagcagg aggtggtgga gggaatggat atctctactc gctccaaaga tcctgtctct 60
acagagaaaa cgccccga acggaagttc cccagccctc cacattcctc caatggccat 120
tcgccccaa actcatccac gagccccatt aaaaaaaaaa 160

<210> 603
<211> 122
<212> DNA
<213> Mus musculus

<400> 603
ttagactgag atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct 60
ccacattcct ccaatgggac attcgcccca agactcatcc acgagcccca ttaaaaaaa 120
aa 122

<210> 604
<211> 356
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(356)
<223> n = A,T,C or G

<400> 604
agactgaatg agctacagta cctgcacttt accccagtag cctgaagtg tgggccccgt 60
accctctgta cccagcggag ttagcgcttg ctcttctctc tcctgcccgt ttcacctacc 120
ccgcttcact gcatgcccag aggcncctgta tacatgcata cgagnacacn tctganntnt 180
gnaacttact gncaacatat gatganngct gtctgggaat gagcctggca catatcanac 240
ctactgcaga ccanaaacgg agcttncgcn cggaatgtat tanaacnnc tncctcactt 300
ttggaaanaa nanctgttct ttgacactgt ncgaaaganc caataaaaaa ttttaa 356

<210> 605
<211> 141
<212> DNA
<213> Mus musculus

<400> 605
agattattta aaagaacgag gggatcaaac agtgctcatt cttcatgcaa aagttgcaca 60
gaagtcttac ggaaatgaaa aacgattttt ttgcccctct ccttggtgtgt atcttatggg 120
cagtgggttg aaaaaaaaaa a 141

<210> 606
<211> 189
<212> DNA
<213> Mus musculus

<400> 606
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180

aaaaaaaaa

189

<210> 607

<211> 162

<212> DNA

<213> Mus musculus

<400> 607

agactgaggc tgaagaggag aatcccagat tgccttcact cacaagatct ggcagccaga 60
gccccgagtc ccccaagccc agtgagcagt tcaaataaa aaccgcacat aacaagaaaa 120
gtgaagcacc atgaaactct tgtttgatta aaaaaagaag aa 162

<210> 608

<211> 119

<212> DNA

<213> Mus musculus

<400> 608

aactgaggtg atgaggtctc gatcctagac gggagatgct gccaaagcgc ccagacggga 60
tcaagactcc aatgacaacc ataagattcc ctaaagctaa gacactgcaa aaaaaaaaaa 119

<210> 609

<211> 124

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(124)

<223> n = A,T,C or G

<400> 609

gcgtgtcacc gatgccgtca ggacggagcg gattctnacg gnngaaggag cacgccaaaca 60
nggcctgact gcgtacagac atgtccccct caataaaatt gcagttgaaa tggaaaaaaaaa 120
aaaa 124

<210> 610

<211> 120

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(120)

<223> n = A,T,C or G

<400> 610

cactgaggtg atgaggtctc gatcactaga cgggagatgc tgccaagngc ccngacggg 60
atcaagactn cnntgacnac catnagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 611

<211> 121

<212> DNA

<213> Mus musculus

<400> 611

gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc ccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca gaaaaaaaaa 120
a 121

<210> 612

<211> 121

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 612

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agagactgag atcctgtctc tacagagaaa acggccccga aacggaagtt cccagncct      60
ccacattcct ccaatggcca ttgcgcccaa gactcatcca cgagcccat taaaaaaaaa      120
a                                          121
```

<210> 613

<211> 109

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(109)

<223> n = A,T,C or G

<400> 613

```
gaagtctcga tcactagacg ggagatgctg ccangtgccc cagacgggat caagactcca      60
atggcggnca taagattccc taaagctaag acactgcaga aaaaaaaaaa      109
```

<210> 614

<211> 111

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(111)

<223> n = A,T,C or G

<400> 614

```
agactgaggt gatgaagtct cgatcactag acgggagatg ctgccaaagt cccagacgn      60
gatcaagact ccaatgacaa ccataagatt ccctaaagct aggacactgc a      111
```

<210> 615

<211> 113

<212> DNA

<213> Mus musculus

<400> 615

```
tgatgaagtc tcgatcacta gacgggagat gctgccatgt gcccagacg ggatcaagac      60
tccaatgaca accataagat tccctaaagc taagacactg cagaaaaaaaa aaa      113
```

<210> 616

<211> 120

<212> DNA

<213> Mus musculus

<400> 616

```
cactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg      60
atcaagactc caatgacaa ccataagatt cctaaagcta agacactgca aaaaaaaaaa      120
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<210> 617

<211> 157

<212> DNA

<213> Mus musculus



<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 617
gagcaggagg tgggtggaggg aatggatata tctactcgct ccaaagatcc tgtctctaca 60
gagaaaacgg ncccgaacg gaagttcccc agccctccac attcntccaa tggccattcg 120
ccccaagact catccacgag ccccatataa aaaaaaa 157

<210> 618
<211> 120
<212> DNA
<213> Mus musculus

<400> 618
ccctgaggtg atgaggtctc gatcactaga cgggagatgc tgctaagtgc cccagacggg 60
atcaagagtc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 619
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 619
tgatgaagtc tcgatcacta gacgggagat gctgccaagt gccccagacg ggatcaagac 60
tccaatgaca accataagat tccccaaagc ttagacactg cagaagaaaa aaaa 114

<210> 620
<211> 121
<212> DNA
<213> Mus musculus

<400> 620
gactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgcg aaaaaaaaaa 120
a 121

<210> 621
<211> 101
<212> DNA
<213> Mus musculus

<400> 621
tacagagaaa acggccccga aacggaagtt ccccagccct ccacattcct ccaatggcca 60
ttcgccccaa gactcatcca cgagcccccatt taaaaaaaaa a 101

<210> 622
<211> 118
<212> DNA
<213> Mus musculus

<400> 622
tgaggtgatg aagtctcgat cactagacgg gagatgctgc caagtgcccc agacgggatc 60
aagactccaa tgacaaccat aagattccct aaagctaaga cactgcgaaa aaaaaaaa 118

<210> 623
<211> 120

09880741 064504



<212> DNA
<213> Mus musculus

<400> 623
acactgaggt gatgaagtct cgatcctaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 624
<211> 137
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(137)
<223> n = A,T,C or G

<400> 624
aaacactgat gtgcgcgtgt cgcenaggcc ngacaggacg gagcgattct cacggaggaa 60
ggagcacagc acaacagggc ctgactgcgt acagaaatgc cccccctcaa taaaattgca 120
gttgaaatga aaaaaaa 137

<210> 625
<211> 120
<212> DNA
<213> Mus musculus

<400> 625
aactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 626
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 626
acattgaggt gatgaagtct cgatcactan acgggagatg ctgccaagtg cccengacgg 60
gatcaagact ccantgacaa ccataagatt ccctaaagct aagacactgc a 111

<210> 627
<211> 120
<212> DNA
<213> Mus musculus

<400> 627
aactgaggtg atgaagtctc gatcactaga cgggagatgc tgccaagtgc cccagacggg 60
atcaagactc caatgacaac cataagattc cctaaagcta agacactgca aaaaaaaaaa 120

<210> 628
<211> 125
<212> DNA
<213> Mus musculus

<400> 628
gccagactga ggtgatgaag tctcgatcac tagacgggag atgctgccaa gtgccccaga 60
cgggatcaag actccaatga caaccataag attccctaaa gctaagacac tgcagaaaaa 120
aaaaa 125

<210> 629
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 629
 agactgggtg atgaagtctc gatcctagac gggagatgct gccaaagtgcc ccagacggga 60
 tcaagactcc aatgacaacc ataagatccc ctaaagctaa ggcaactgcag aaaaaaaaaa 120

<210> 630
 <211> 139
 <212> DNA
 <213> Mus musculus

<400> 630
 tcccagattg ccttcactca caagatcttg cagccagagc cccgagtcgc ccaagcccag 60
 tgagcagttc aaatataaaa ccgcacataa caagaaaagt gaagcaccat gaaactcttg 120
 tttgattgaa aaaaaaaaaa 139

<210> 631
 <211> 120
 <212> DNA
 <213> Mus musculus

<400> 631
 ctattgcctt cactcacaag atctggcagc cagagccccc agtcccccaa gccagtgag 60
 cagttcaaat ataaaaccgc acataacaag aaaagtgaag caccatgaaa ctcttgtttg 120

<210> 632
 <211> 143
 <212> DNA
 <213> Mus musculus

<400> 632
 ggagaatccc agattgcctt cactcacagg atctggcagc cagagccccc agtcccccaa 60
 gccagtgag cagttcaaat ataaaaccgc acataacaag aaaagtgaag caccatgaaa 120
 ctcttgtttg attaaaaaaaa aaa 143

<210> 633
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 633
 attgccttct ctcacaagat ctggnagccn gagncccgag tnccecatgn ccagcgagca 60
 gttanatat aaaaccgctc ataacaagaa aagtgaagca ccatgaaact cttgtttgat 120
 tagaaaaa 128

<210> 634
 <211> 165
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(165)
 <223> n = A,T,C or G

<400> 634
gcttttccaa gaggacccac ccaggagggt cacaaccngt tcacttccag agggacgggc 60
atcctcttct gacctctgag gacattgtac atgcatgggt catagattta catgcaagca 120
aacgcctgta cactgaaaat aagtaataaa ayycttttagc acaca 165

<210> 635
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 635
gacaccgaga tttccaganc tggctgggtt tccagangac cccccagtgg ctnacaaccg 60
ttcactttca gagggacggg catcctcttc tgacctctga ggacattgtg catgcntggn 120
gcatatattt acatgcgagc aaacgcctgt gcacagtnaa ataagtaata aaagtnttta 180
tcacacaaaa aaaaa 195

<210> 636
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 636
aaacccctga ggctgaagag gagaatccca gattgccttc actcacaaga tctggcagcc 60
agagccccga gtcccccaag cccagtgagc agttcaaata taaaaccgca cataacaagn 120
aaagtgaagc accatgaaac tcttggttga ttaaaaaaaaa aa 162

<210> 637
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 637
aggaccacc cagtggctca caacnnttca cttcnanang nacngncatc ctntttctgac 60
ctctgaggac attgtacatg catggagcat agatttacat gcaa 104

<210> 638
<211> 133
<212> DNA
<213> Mus musculus

<400> 638
ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg agtcccccaa 60
gccagtgag cagttcaaat ataaaaacgc gcataacaag aaaagtgaag caccatgaaa 120
ctcttgtttg att 133

<210> 639
<211> 223
<212> DNA



<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(223)

<223> n = A,T,C or G

<400> 639

gggttgga	gatggcacag	cagattacaa	gagctggctg	cttttccaga	ggacccaccc	60
agtgggtca	caaccggttc	actttccaga	nggacggggc	atccctcttc	tgacctntga	120
gagacatttg	nacatgcatg	ngtgcataga	tttacatgca	agcaaacngc	ctgtacacgt	180
aaaataagta	ataaaagtct	ttaacacatc	tcaaaaaaaaa	aaa		223

<210> 640

<211> 117

<212> DNA

<213> Mus musculus

<400> 640

actgagatcc	tgtctctaca	gagaaaacgg	ccccgaaacg	gaagttcccc	agccctccac	60
attactccaa	tggccattcg	cccgaagact	catccacgag	cccattaaa	aaaaaaa	117

<210> 641

<211> 158

<212> DNA

<213> Mus musculus

<400> 641

cactgaggct	gaagaggaga	atcccagatt	gccttcactc	acaagatctg	gcagccagag	60
ccccgagtc	cccaagccca	gtgagcagtt	caaatataaa	accgcacata	acaagaaaag	120
tgaagcacca	tgaaactctt	gtttgattaa	aaaaaaaa			158

<210> 642

<211> 208

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(208)

<223> n = A,T,C or G

<400> 642

ggagagatgg	cgcagagatt	acaaganctg	gnttgctttt	tcagaggacc	nntccagngg	60
gtcacaaacnc	gatcacttng	cagagggaca	nggcttcctt	ntctgacctc	tgaggacatt	120
gtacatgcat	ggtgcatatg	atttacatgc	aagcaaacgc	ctntacacgt	aaaataagta	180
ataaaagtct	ttaacacgaa	aaaaaaaa				208

<210> 643

<211> 133

<212> DNA

<213> Mus musculus

<400> 643

ctgggggag	gagtgccttg	caaacagaag	acctgcagga	aatgccgagt	aatgacttgt	60
gttggttcac	cctccctgct	cccgctcttct	tttaaaacaa	ataaacagaa	tggaacgcc	120
cacaaaaaaaa	aaa					133

<210> 644

<211> 101

<212> DNA

<213> Mus musculus



<400> 644
acctgcagga aatgccgagt aatgacttgt gttggttcac cctccctgct cccgtcttct 60
tttaaaacaa ataaacagaa tggaaacgcc aaaaaaaaaa a 101

<210> 645
<211> 148
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 645
cactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtcc cccaagccca gtgagcngtt caaatataaa accgcacata acanagaaaa 120
qtgaagcacc atgaaactct tgtttgat 148

<210> 646
<211> 158
<212> DNA
<213> Mus musculus

<400> 646
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

<210> 647
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 647
ctttgctgaa gaggagaatc ctagattgcc ttnactcaca agatctggca gccagagccc 60
cgagtcctccc aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
agcaccatga aactcttggt tgattaaaaa aaaaa 155

<210> 648
<211> 119
<212> DNA
<213> Mus musculus

<400> 648
cagattgcct tcaactcaca gatctggcag ccagagcccc gagtccccca agcccagtg 60
gcagttcaaa tataaaaccg cacataacaa gaaaagtga gcaccatgaa actcttggt 119

<210> 649
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

09060711 091201

<400> 649
aggctgaaga ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg 60
agtcccccaa gcccagtgag cagttcaa ataaaaaccgc acataacang aaaagtgaag 120
caccatgaaa ctcttgtttg attaaaaaaaa aaa 153

<210> 650
<211> 145
<212> DNA
<213> Mus musculus

<400> 650
gaggagaatt ccagattgcc ttcactcaca agatctggca gccagagccc cgagtcccc 60
aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga agcaccatga 120
aactcttggt tgattaaaaa aaaaa 145

<210> 651
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 651
acactgaggt ggttgaanac tgggggcagg angnngcntng caannatnat anctgnagga 60
aatgccngt aatgacttgt gttggttcac cctccctgct cccgtnttct tttaaaacaa 120
ataaacagaa tggaaacgcc aaaaaaaaa a 151

<210> 652
<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 652
tcccagactg aggtggttga agactgagg caagantgct ntgangacat aananctgct 60
ngaaggngcn gtgnaatgac ttgngntggt tcaccctccc tgctcccgtc ttctttttaa 120
acaaataaac agaatggaaa cgccaaaaag aaaaaa 156

<210> 653
<211> 160
<212> DNA
<213> Mus musculus

<400> 653
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag 60
ccccgagtc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
tgaagcacca tgaaactctt gtttgattga aaaaaaaaa 160

<210> 654
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)

098011.061304

<223> n = A,T,C or G

<400> 654

caactgaggc	tgaagaggag	aatcccagat	tgctttcact	cacaagatct	ggcagncaga	60
gccccgagtc	ccccaaagccc	agtgagcagt	tcaaataata	aaccgcacat	aacaagaaaa	120
gtgaagcacc	atgaaactct	tgtttgattg	aaaaaaaaaa	a		161

<210> 655

<211> 139

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(139)

<223> n = A,T,C or G

<400> 655

aatcccagat	tgctttcact	cacaanatt	ggcancaga	gccccgagtc	ccccaaagccc	60
agtgagcagt	tcaaataata	aaccgcacat	aacaagaaaa	gtgaagcacc	atgaaactct	120
tgtttgatta	aaaaaaaaaa					139

<210> 656

<211> 106

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(106)

<223> n = A,T,C or G

<400> 656

agactgggtg	tgaagtctcg	atnctaggcg	ggagatgctg	ccaagcgccc	cagacgggat	60
caagactcca	atgacaacca	taagattccc	taaagctaag	acactg		106

<210> 657

<211> 114

<212> DNA

<213> Mus musculus

<400> 657

ggtgatgaag	tctcgatcct	agacgggaga	tgctgccaa	tgccccagac	gggatcaaga	60
ctccaatgac	aaccataaga	ttccctaaag	ctaagacact	gcagaaaaaa	aaaa	114

<210> 658

<211> 141

<212> DNA

<213> Mus musculus

<400> 658

gcgtgagagg	agaatcccag	attgccttcc	tcacaagatc	tggcagccag	agccccgagt	60
cccccaagcc	cagtgagcag	ttcaaataata	aaaccgcac	ataacaagaa	aagtgaagca	120
ccatgaaact	cttgtttgat	t				141

<210> 659

<211> 169

<212> DNA

<213> Mus musculus

<400> 659

gcgagttgtg	agcgcctccc	ccaacgactc	ctaggggaagc	tatgcgaaat	tattttaaag	60
aacgagggga	tcaaacagtg	ctcattcttc	atgcaaaagt	tgcacagaag	tcttacggaa	120



atgaaaaacg atttttttgc cctcctcctt gtgtgtatct tatgggcag

169

<210> 660

<211> 215

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(215)

<223> n = A,T,C or G

<400> 660

gagatgataa	aaaaatagga	aaaaaagatt	acannagact	ggcctgcttt	tccanaggac	60
ccacccagng	gctcacaacc	ngtncacttc	cagagggaca	gggcatacctc	ttntgacctc	120
tgaggacatt	gtacatgcat	ggngagcatag	atttacatgc	aagcaaacng	cctgtacacg	180
taaaaaagta	ataaaagtct	ttaacacaaa	aaaaa			215

<210> 661

<211> 159

<212> DNA

<213> Mus musculus

<400> 661

agactgaggc	tgaagaggag	aatcccagat	tgctttcact	cacaagatct	ggcagccaga	60
gccccgagtc	ccccaaagccc	agtgagcagt	tcaaataata	aaccgcacat	aacaagaaaa	120
gtgaagcacc	atgaaactct	tgtttgatta	aaaaaaaaa			159

<210> 662

<211> 139

<212> DNA

<213> Mus musculus

<400> 662

tgaagaggag	aatcccagat	tgctttcact	cccaagatct	ggcaagccag	agccccgagt	60
ccccaaagcc	cagcgagcag	ttcaaataata	aaaccgcaca	taacaagaaa	agtgaagcac	120
catgaagctc	ttgtttgat					139

<210> 663

<211> 173

<212> DNA

<213> Mus musculus

<400> 663

ttgaaccccc	cttgaccctt	gggctgacgg	ggagaatccc	agattgcctt	cactcacaag	60
atctggcagc	cagagccccg	agtcccccaa	gcccgagtga	cagttcaaata	ataaaaccgc	120
acataacaag	aaaagtgaag	caccatgaaa	ctcttggttg	attaaaaaaaa	aaa	173

<210> 664

<211> 262

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(262)

<223> n = A,T,C or G

<400> 664

ctaccttgaa	cttgatcattc	ncctacctcc	acctctgaag	agctgggagt	gentgtgtgc	60
catgnaggct	aggaaangna	aggcgggctt	ngntaaaggc	ttntgngggc	nacctggtgc	120
caggaggaat	gnctcatgat	cgcatggtgg	anaaagagac	ctgactccan	aaggctgcat	180
atacacactg	gcacacatat	gcacagtaaa	taaatgtaat	actaataaaag	aagtttctct	240



tctttttcatc gaaaaaaaaa aa

262

<210> 665
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 665
taatctagaa tgaggnggaa gaggacaann gcagattgcc ttcctcacan gatctgnttg 60
ccagagccct gagtcennca agcccaggag agcatgttca aatataaaac cgcacataac 120
anagaaaagt gaagcaccat gaaactcttg tttgattaaa aaaa 164

<210> 666
<211> 152
<212> DNA
<213> Mus musculus

<400> 666
gctgaagagg agaattcccag attgccttcc tcacaagatc tggcagccag agccccgagt 60
cccccaagcc cagtgaagcag ttcaaatata aaaccgcaca taacaagaaa agtgaagcac 120
catgaaactc ttgtttgatt gaaaaaaaaa aa 152

<210> 667
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

<400> 667
ggctcacaac cgtgcacttn ctnagggacg ggcatectct tctgacctct gaggacattg 60
nacatgcatg gggcatagat ttacatgcaa gcgaacgcct gtacacgtaa aataagtaat 120
aanagtcttt aacacaaaaa aaa 143

<210> 668
<211> 192
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 668
aaatgaaggg actccttgng taaaggcatc tgccaccagt cctggtgacc anagttcaat 60
cctcaggatc gcatggtgga gaaagagacc tgactccaga aggctgcata tacacactgg 120
cacacatatg cacagtaaata aaatgtaata ctaataaaga agtttctctt cttttcatcg 180
aaaagaaaaa aa 192

<210> 669
<211> 101
<212> DNA
<213> Mus musculus



<400> 669
gagaaggttg gagttttaat gattcaggcg gctctggcgg ccaggctgcg cgatatggtc 60
cgcacctaga ctgttgagct gggggtagag gaaaaaaaaa a 101

<210> 670
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 670
tcacaagatc tggcagccng anccccgagt cccnaagcc cagtgagcng ttcaaatata 60
aaaccgcaca taacagagat aagtgaagca ccatgaaact cttgtttgat taaaaaaaaa 119

<210> 671
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 671
gagcattaaa aaggaccnc cagtggctca canccgttca cttccagagg gacgggcatc 60
ctcttctgac ctctgaggac attgtacatg catggtgcat agatttacat gcaagcaaac 120
gcctgtacac gtaaaataag taataaaagt cttaaacac 159

<210> 672
<211> 336
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 672
agaactgaga tgagctcaca gtacctgcac tttaccccag tagccctgaa gngtgggccc 60
cgtaccctct gtaccagcg gagttagcgc ctgctcttcc tctcctgcc gctttnacct 120
accccgcttc actgcatgcc cagagnnnct gtatacatgc ataggannac acnnctgagn 180
nttgganact ncttcagcan angangatng nngcnctggg aatgngtttg gcacatatna 240
acctactgna gaccagnaaa gggagcttnn gngngngaatt ntattancaa cncactccct 300
tgcccccttt gcaaaaaaaaaa actatctttt gataat 336

<210> 673
<211> 129
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(129)
<223> n = A,T,C or G

<400> 673
tgccttact cacaagatct ggcagccaga gccccgagtc cccaagccc agtgagcagt 60

00000744.00000

tcanatataa aaccgcacat aacaagaaaa gtgaagcacc atgaaactct tgtttgatta 120
aaaaaaaaa 129

<210> 674
<211> 163
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(163)
<223> n = A,T,C or G

<400> 674
aaccactgag gctgttgagg accattccan antggcnttc antnacaana tttggcagcc 60
agagccccga gtccccaag cccagtgagg cagttcaaat ntaaaaccgc ccataacaag 120
aaaagtgaag caccatgaaa ctcttgtttg attaaaaaaaa aaa 163

<210> 675
<211> 155
<212> DNA
<213> Mus musculus

<400> 675
ctgggctgaa gaggagaatc ccagattgcc ttcactcaca agatctggca gccagagccc 60
cgagtcccc aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
agcaccatga aactcttggt tgattaaaaa aaaaa 155

<210> 676
<211> 116
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 676
actgaggtaa catttcactt gttgcctttc cagtttcaag caccaactca ccaacaaaga 60
ttttaccgaa anccttaggg ccaataaatg tgaatgttg accccaaaaa aaaaa 116

<210> 677
<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 677
ctgaggctga agaggagaat cccagatngc cttcactnac aagatctggn agccagagcc 60
ccngtcccc caagcccagn gagcagntca antataaaac cgnacataac angaaaagtg 120
nngcaccatg aaactcttgt ttgatgaaaa aaaaa 156

<210> 678
<211> 104
<212> DNA
<213> Mus musculus

<400> 678

aaaacctgca ggaaatgccg agtaatgact tgtgttggtt caccctccct gctcccgtct 60
tcttttaaaa caaataaaca gaatggaaac gccaaaaaaa aaaa 104

<210> 679
<211> 260
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(260)
<223> n = A,T,C or G

<400> 679
tcacgtatt ctgtttcttt ttcantttnt ataattctctt tctttttant tagtgnttn 60
tntnagcngt ntttctcgng ntgntacac tgngattgtc tgcncgtngg ctgaagagga 120
gaatcccaga ttgccttcac tcacaagatc tggcagccag agccccgagt cccccaagcc 180
cagtgcgcag ttcaaatata aaaccgcaca tancaagaaa ggtgaagcac catgaaactc 240
ttgtttgatt aaaaaaaaaa 260

<210> 680
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 680
tttttcattc attgtggctg ngtnagagaat cccagattgc cttcactcac aagatctggc 60
agccagagcc ccgagtcgcc caagcccagt gagcagttca aatataaaac cgcacataac 120
aagaaaagtg aagcnccatg aaactcttgt ttgattaaaa aaaaaa 166

<210> 681
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 681
cactgaggaa gtttggtgag cggncctccac ccggacgact cctatnggaa gctatgcgaa 60
attattttaa agaacgaggg gatcaaacag tgctcattct tcatgcaaaa gttgcacaga 120
agtcttacgg aaatgaaaaa cgattttttt gccctcctcc ttgtgtgtat cttatgggca 180
gtggttgga aaaaaaaaaa 199

<210> 682
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 682
ctgtgccacc actctggggc ttttaatgcc nagaaagaat tcngccgcag aagaccttgg 60

agatggtggc ggacgtgcnn aatgatggng gacttgcana aaccatggac ccngcccacc 120
 caaaccttc cgtaacacta aagtt 145

<210> 683
 <211> 124
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(124)
 <223> n = A,T,C or G

<400> 683
 ggcaggatgc tttgcaaaca gaagacctgc aggaaatgcc gagtaatgac ttgtgttggt 60
 tcaccctccc tgctcccgtc ttctttttaa acaaataaac agaatgnaaa cgccaaaaaa 120
 aaaa 124

<210> 684
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 684
 aacacgaaga cctgcaggaa atgccgagta atgacttggt ttggttcacc ctccctgctc 60
 ccgtcttctt ttaaaacaaa taaacagaat ggaaacgcc aaaaaaaaaa 110

<210> 685
 <211> 128
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(128)
 <223> n = A,T,C or G

<400> 685
 ccacattgcc ttcaactcaca agatctggca gncagagccc cgagtncccc aagcccantg 60
 agcagttcaa atatannaac gcgcataaca agaaaagtga agcaccatga aactcttggt 120
 tgattaga 128

<210> 686
 <211> 154
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(154)
 <223> n = A,T,C or G

<400> 686
 gctgacgaga caatcccaga tgccttcaact aacaagatct gnnagctcag tagcccnng 60
 tcccncaagc ccagtgaagc gttcaaatat aaaaccgcac ataacaagaa aagtgaagca 120
 ccatgaaact cttgtttgat taaaaaaga agaa 154

<210> 687
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>

```

<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 687
tctttataca ctgagctgaa gaagagaatc ccagatgcct tcactcacia gatctggcag      60
tcagagcccn gagtccccc agcccagtg gcagctnaaa tataaaaccg cacataacia      120
ngaaaagtga agcaccanga aactcttggt tgattaaaaa a                          161

<210> 688
<211> 113
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 688
acctgcggga aatgccgagt aatgacttgn gtgggggtcac cctccctgct nccgtnttct      60
tttaaaacia ataaacagaa tggaaacgcc cacattactt actaaaaaaaa aaa          113

<210> 689
<211> 145
<212> DNA
<213> Mus musculus

<400> 689
aagcaatccc agattgcctt cactcaciaag catctaggca gccagagccc cgagtccccc      60
aagcccagtg agcagttcaa atataaaacc gcacatgaca agaaaagtga agcaccatga      120
aactcttggt tgattaaaaa aaaaaa                                145

<210> 690
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 690
gctgaacaga gaatcccaga tgccttcaact cacaagatct ggcagccaga gccccgagtc      60
ccccaagccc agtgagcagt ttcaaataa aaaccgcaca taacangaaa agtgaagcac      120
catgaaactc ttgnttgatt aaaaaaaaaa                                150

<210> 691
<211> 158
<212> DNA
<213> Mus musculus

<400> 691
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcagccagag      60
ccccgagtc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag      120
tgaagcacca tgaaactctt gtttgattaa aaaaaaaaaa                                158

<210> 692
<211> 104
<212> DNA
<213> Mus musculus

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09880741.661331

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<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 692
caccctaaacg actcactagg gtaagctatg cnanattatt taaaagaacg angggatcaa      60
acagtgtctca ttcttcatgc aaaagttgca cagaagtctt acgg                          104

<210> 693
<211> 144
<212> DNA
<213> Mus musculus

<400> 693
ggagaatccc agattgcctt cactcacaag atctggcagc ctgagccccg agtcccccaa      60
gccacgtgag catgttcaaa tataaaaccg cacataacaa gaaaagtgaa gcaccatgaa      120
actcttggtt gattaaaaaa aaaa                          144

<210> 694
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 694
agatctggca gccagagccc cgagtccccc aagcccagtg agcagttcaa atataaaacc      60
gcacataaca agnaaagtga agcaccatga aactcttggt tgattaaaaa aaaaaa          115

<210> 695
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 695
gcctcccaga ctgagggaag ctatncaaaa ttatttaaaa gaacgagggg atcaaacagn      60
gtcattctt catgcaaaag ttgcacagaa gtnttacgga aatgaaaaac gatttttttg      120
ccctctcct tgtgtgtatc ttatgggcag tggttggaag aaaaaaaaaa                  169

<210> 696
<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 696
gactgggggc gggggngctt tgcaaacnga agacctgcag gaaatgccga gtaatgactt      60
gtgttggttc accctccctg ctcccgctct cttttaaaaa aaataaacag aatggaaacg      120
caagaaaaaa aaa                          133
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<210> 697
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 697
 cactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccgaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 698
 <211> 134
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(134)
 <223> n = A,T,C or G

<400> 698
 ggtgagcggc ctccacccaa acgactnact anggaanctn tgcnaaatta ttnaaaagaa 60
 cnangggatc caacagtgtc cattcttcat gcaaaagttg cacagaagtc ttacggaaat 120
 gaaaaacgat tttt 134

<210> 699
 <211> 119
 <212> DNA
 <213> Mus musculus

<400> 699
 gaactgagat cctgtctcta cagagaaaac ggccccgaaa cggaagttcc ccagccctcc 60
 acattcctcc aatggccatt cgccccgaaga ctcatccacg agccccatta aaaaaaaaaa 119

<210> 700
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 700
 cctgtctcta cagcagaaaa cggccccgaa acggaagttc cccagccctc cacattcctc 60
 caatggccat tcgccccgaag actcatccac gagccccatt aaaaaaaaaa 110

<210> 701
 <211> 118
 <212> DNA
 <213> Mus musculus

<400> 701
 agactgagac ctgtctctac agagaaaacg gccccgaaac ggaagttccc cagccctcca 60
 cattcctcca atggccattc gcccgaagac tcatccacga gccccattaa aaaaaaaaaa 118

<210> 702
 <211> 101
 <212> DNA
 <213> Mus musculus

<400> 702
 ggtaacattt cacttggtgc ctttccagtt tcaagcacca actcaccaac aaagatttta 60
 ccgaaaacct tagggccaat aaatgtgaat gttggacccc t 101

<210> 703

098071-061001

<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 703
gaatcccaca ttgccttcac tcacangatc tgnccanccag agccccgagt cccccangcc 60
cantgngcag ttcaaatata anaccgcgca taacaagana ngtgaagcac catgaaactc 120
ttgtttgatt aaaaaaaaaa 140

<210> 704
<211> 161
<212> DNA
<213> Mus musculus

<400> 704
gactgaggct gaagaggaga atcccagatt gccttcactc acaagatctg gcaagccaga 60
gccccgagtc ccccaagccc agtgagcagt tcaaatataa aaccgcacat aacaagaaaa 120
gtgaagcacc atgaaactct tgtttgatta gaaaaaaaaa a 161

<210> 705
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 705
taccctgagg tggttncnac tggggncagg agtgctttgc agacagaaga cctgcaggaa 60
aatgccgant gatgacttgt gttgggtcac cctccctgct cccgncttct tttaaaacaa 120
ntaaacatga ntggaaacgc aagaaaaaaaa aa 152

<210> 706
<211> 143
<212> DNA
<213> Mus musculus

<400> 706
ggagaatccc agattgcctt cactcacaag atctggcagc cagagccccg agtcccccaa 60
gcccgatgag cagttcaa ataaaaccgc acataacaag aaaagtgaag caccatgaaa 120
ctcttgtttg attaaaaaaaa aaa 143

<210> 707
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 707
ggagaatccc agattgcctt cactcacaag atctggcang ccagagcccc gagtccccca 60
agcccagtga gcagttcaaa tataaaaccg cacataacaa gaaaagtga gcaccatgaa 120
actcttgttt gattaaaaaaaa aaaa 144

<210> 708
 <211> 189
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(189)
 <223> n = A,T,C or G

<400> 708
 gactgagctt ggctgaanag gaaataaaaa ctgagcanga ggnggtggag ggaatggata 60
 tctctactcg ctccaaagat cctgtctcta cagagaaaaac ggccccgaaa cggaagttcc 120
 ccagccctcc acattcctcc aatggccatt cgccccgaaga ctcatccacg agccccatta 180
 aaaaaaaaaa 189

<210> 709
 <211> 109
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(109)
 <223> n = A,T,C or G

<400> 709
 acactgtgtt gaagaggggg aggcctcgga cttctcgctg tcctggangt aatgctaaat 60
 agcgccggga tncgtacacg gggntacacg gataattgga cataccaac 109

<210> 710
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 710
 acactgaggc tgatgaggac aatcccagat tgccttcact cacaagatct ggcagccaga 60
 gccccgagtc ccccgagccc agtgagcagt tcaaatatta aaccgcacat aacaagaaaa 120
 gtgaagcacc atgaaactct tgtttgatta aaaaaaaaaa 159

<210> 711
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 711
 tgaaaccctg aggctgttgn ggacaatccc agattgcctt cactcacaag atctggcngc 60
 cagagccccg ngccccccaa gccagtgag cagttcaaat ataanaccgc acataacaag 120
 aaaagtgaag caccatgaaa ctcttgtttg attaaaaaaaaa aaa 163

<210> 712
 <211> 175
 <212> DNA



<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(175)

<223> n = A,T,C or G

<400> 712

aaaaactgaa	aaagcttnga	atggctgncc	aggagaatcc	canattggct	tcaactcacia	60
gatctggcag	ccagagcccc	gagtccccc	agcccagtg	gcagttcaaa	tataaaaaccg	120
cacataacaa	gaaaagttga	agcaccatga	aactcttggt	tgattaaaaa	aaaaa	175

<210> 713

<211> 134

<212> DNA

<213> Mus musculus

<400> 713

atattgcctt	cctcacaaga	tctggcagcc	agagccccga	gtcccccaag	cccagtgagc	60
agttcaaata	tataaaccgca	cataacaaga	aaagtgaagc	accatgaaac	tcttgtttga	120
ttgaaaaaaaa	aaaa					134

<210> 714

<211> 143

<212> DNA

<213> Mus musculus

<400> 714

agagaatccc	agattgcctt	cactcacaag	atctggcagc	cagagccccg	agtcccccaa	60
gcccagtggg	cagttcaaata	ataaaaccgc	acataacaag	aaaagtgaag	caccatgaaa	120
ctcttgtttg	attaaaaaaaa	aaa				143

<210> 715

<211> 163

<212> DNA

<213> Mus musculus

<400> 715

aagaactgag	gctgaagagg	agaatcccag	attgccttca	ctcacaagat	ctggcagcca	60
gagccccgag	tcccccaagc	ccagtgagca	gttcaaata	aaaaccgcac	ataacaagaa	120
aagtgaagca	ccatgaaact	cttgtttgat	tgaaaaaaaa	aaa		163

<210> 716

<211> 143

<212> DNA

<213> Mus musculus

<400> 716

ggagaatccc	agattgcctt	cactcacagg	atctggcagc	cagagccccg	agtcccccaa	60
gcccagtgag	cagttcaaata	ataaaaccgc	acataacaag	aaaagtgaag	caccatgaaa	120
ctcttgtttg	attaaaaaaaa	aaa				143

<210> 717

<211> 104

<212> DNA

<213> Mus musculus

<400> 717

ccggagcccc	gagtccccc	agcccagtg	gcagttcaaa	tataaaaaccg	cacataacaa	60
gaaaagtga	gcacatgaa	actcttggtt	gattaaaaaa	aaaa		104

<210> 718

<211> 157

0936071.061201

<212> DNA
 <213> Mus musculus

<400> 718
 ctgaggctga agaggagaat cccagattgc cttcactcca agatctggca gccagagccc 60
 cgagtccccc aagcccagtg agcagttcaa atataaaacc gcacataaca agaaaagtga 120
 agcaccatga aactcttggt tgattgaaaa aaaaaaa 157

<210> 719
 <211> 152
 <212> DNA
 <213> Mus musculus

<400> 719
 atgtgaata gagaatccca gattgccttc actcacaaga tctggcagcc agagccccga 60
 gtcccccaag cccagtgagc agttcaaata taaaaccgca cataacaaga aaagtgaagc 120
 accatgaaac tcttgtttga ttaaaaaaaaa aa 152

<210> 720
 <211> 264
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(264)
 <223> n = A,T,C or G

<400> 720
 gactgaggta acattncact tgttgcccttt cngnttcaag caccaactca ccaacnggag 60
 attntancga aaaccttagc ggccagtaaa tgtgaatgnt ggaccccnan gctgntgnct 120
 gcacccagtg gaactgangc attcanggag agaanngann gggaatnctt ntacccctgc 180
 acccgcaatg gtcactcaga ctcacatagc tgaggctgct ggctgggttc ccagtaaacg 240
 aagcaaaaaa ggagaaaaaa aaaa 264

<210> 721
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 721
 gactgaggta acatttcact tgttgcccttt ccagtttcaa gcaccaactc accaacaaga 60
 attttaccga aaaccttagg gccataaat gtgaatgttg gaccccaaa 109

<210> 722
 <211> 132
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(132)
 <223> n = A,T,C or G

<400> 722
 attgccttca ctcacatgga tctggcagcc agagccccga gtcccccaag cccantgagc 60
 anttcttata taaaaccgca cataacaaga aaagtgaagc accatgaaac tcttgtttga 120
 ttaaaaaaaaa aa 132

<210> 723
 <211> 118
 <212> DNA
 <213> Mus musculus



<400> 723
gactgagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc cagccctcca 60
cattcctcca atggccattc gccccaagac tcatccacga gccccattaa aaaaaaaaa 118

<210> 724
<211> 195
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(195)
<223> n = A,T,C or G

<400> 724
ccttagggcc aataantgtg aatggttgac cccaaatgat tattaagcac nctcgcacag 60
aattgccaat ctccagaagt gttcngattg ggaatccatn taccctgnt cccgnaatgg 120
tcnntcngac tcacatanct gaggctgctg gctgggttcc caagtatacg aagcananta 180
ggaaaaaaaaat taaaa 195

<210> 725
<211> 130
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 725
catattgtct tcactcacia gatctggcag ccagagcccc gagtccccca ngcccagtga 60
gcanntcaaa tatnaaacg cacataacaa gaaaagtga gcaccatgaa actottgttt 120
gattaaaaaa 130

<210> 726
<211> 126
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 726
gtcacttcca gagggacggg catcctnttc tgacctctga ggacattgta catgcatggt 60
gcatanantt acatgcaagc aaacgcctgt acacgtaaaa taagtaataa aagtctttaa 120
cacaaa 126

<210> 727
<211> 189
<212> DNA
<213> Mus musculus

<400> 727
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtgggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtcc 120
ccagccctcc acattcctcc aatggccatt cgccccaga ctcattccacg agccccatta 180
aaaaaaaaa 189

<210> 728
<211> 127



<212> DNA

<213> Mus musculus

<400> 728

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tttgaaacac tgaggtgatg aagtctcgat cgctagacgg gagatgctgc caagtgcccc    60
agacgggatc aagactccaa tgacagccat aagattccct aaagctaaga cactgcaaaa    120
aaaaaaaa                                         127
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<210> 729

<211> 189

<212> DNA

<213> Mus musculus

<400> 729

```
agactgactt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata    60
tctctactcg ctccaaagat cctgtctcta cagagaaaaac ggccccgaaa cggaagttcc    120
ccagccctcc acattcctcc aatggccatt cgccccaaga ctcattccacg agccccatta    180
aaaaaaaa                                         189
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<210> 730

<211> 150

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(150)

<223> n = A,T,C or G

<400> 730

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agcactgagg ctgaanatga gnatcccana ttgccttcac tcacaagatc tggcagccag    60
agccccgagt cccccaagcc cagtgagcag ttcaaataa aaaccgcaca taacaagaaa    120
agtgaagcac catgaaactc ttgtttgatt                                         150
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<210> 731

<211> 108

<212> DNA

<213> Mus musculus

<400> 731

```
gccagagccc cgagtccccc aagcccagtg agcagttcaa atataaaacc gcacataaca    60
agaaaagtga agcaccatga aactcttggt tgattaaaaa aagaagaa                108
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<210> 732

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 732

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gactgaggct gaagaggaga atcccagatt gccttnnctc acaagatctg gcagccagag    60
ccccgagtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag    120
tgaagcacca tgaaactctt gtttgattga aaaaaaaaaa                        160
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<210> 733

<211> 127

<212> DNA

<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 733
 tctctactcg ctccaaagat cctgtntnta cagagaaaac ggccncgaaa nggaagttcc 60
 ccngccctnc acattcntnc aatggccatt cgccccatga ctcattccacg ggccccaaaa 120
 aaaaaaa 127

<210> 734
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 734
 gactgagatc ctgagtatac gagagannac ggccccgaaa cggaagttcc ccagccctcc 60
 acattcctcc aatggccatt cgccccaaaga ctcattccacg agccccatta aaaaaaaaaa 119

<210> 735
 <211> 107
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(107)
 <223> n = A,T,C or G

<400> 735
 tgggtgtggag cagctctgtc atgtctccag cagagggcgc attntgcntt cttcagaact 60
 caagaagcnc angngtagcn gacctgngaa actggggtac cctttga 107

<210> 736
 <211> 356
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(356)
 <223> n = A,T,C or G

<400> 736
 accgctggcg aggaaaanct ttaanggatg tgctacncag ctgacncttg tgggngggacc 60
 tnaancnnc tgnntgttng ggagnatccc tccaccnatg tttgggacaa gaanaaggcn 120
 atgcctcnct gaaanttgaa caccctnagg agagtancaa ggngtgggcg gcatgctgaa 180
 cagatggacc gtggcgcccg aagtctcagc atcttcagnt gattcttcag ngtncttgt 240
 gctggaatga aggaggaggc tgagtganen ccnnacatg catgcaataa tcaaggggaa 300
 gtgaacgtgc catctcctga ggtagantgg gcccttntnt caaaaactaa tgctag 356

<210> 737
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 737
 actgaggctg aagaggagaa tcccagattg ctttactca caagatctgg cagccagagc 60



cccgagtccc ccaagcccag tgagcagttc aaatataaaa ccgcacataa caagaaaagt 120
gaagcaccat gaaactcttg tttgattaaa aaaaaaa 157

<210> 738
<211> 184
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(184)
<223> n = A,T,C or G

<400> 738
ctgagcttgg ctgaagagga aataaaaaact gancaggagg tgggtggaggg aatggatatc 60
tctactcgc ccaaagatcc tgttctctaca gagaaaaacg ccccgaaacg gaagttcccc 120
agccctccac attctctcaa tggccattcg ccccaagact catccacgag ccccatataa 180
tagc 184

<210> 739
<211> 154
<212> DNA
<213> Mus musculus

<400> 739
ctgagctttg aattctgaaa aagaagagtg tgaaacaaga agcaaagatc ggggttgaag 60
agggcaagag gaaagggggg gatggaagga aaccctgcag ccaccaacac aataaacaca 120
ataaactgta tcctgaccac ctcaaaaaaa aaaa 154

<210> 740
<211> 188
<212> DNA
<213> Mus musculus

<400> 740
actgagtttg gctgaagagg aaataaaaaac tgagcaggag gtgggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc 120
cagccctcca cattctcca atggccattc gcccgaagac tcatccacga gcccattaa 180
aaaaaaaa 188

<210> 741
<211> 188
<212> DNA
<213> Mus musculus

<400> 741
actgagcttg gctgaagagg aaataaaaaac tgagcaggag gtgggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc 120
cagccctcca cattctcca atggccattc gcccgaagac tcatccacga gcccattaa 180
aaaaaaaa 188

<210> 742
<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 742
gcttgctgag agggaataaa actgagcagg agggnggngg ggggaatgga atctctactc 60

0969074064001



gctccaaaga tcctgtctct acagagaaaa cggccccgaa acggaagttc cccagccctc 120
cacattcctc caatggccat tcgcccgaag actcatccac gagccccatt aaaaaaaaaa 180

<210> 743
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 743
agactggcctt ggctgaagag gaaataaaaa ctgancagga ggtgggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctctc cagagaaaaac ggccccgaaa cggaagttcc 120
ccagccctcc acattcctcc aatggccatt cgccccgaaga ctcatccacg agccccatta 180
aaaaaaaaaa 189

<210> 744
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 744
cagactgggt aacatttact tgttgccctt ccagtttcaa gcaccaactc nccaacaaag 60
attttaccga aaaccttagg gccaatana gtgaatgttg gaccccaa at gattntaagc 120
ccaccgcana gaattgccaa tncaggaagn gttctgattg ggaatccata taccctgca 180
cccgcattgg tcaactcanac tcacatagct aaggetgctg gctgggttcc cagtgat 237

<210> 745
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 745
actgagcaaa caggtggngg anngaattga tatctctact cgctccaaag gatcctgtct 60
ctacagagaa aacggccccg aaacggaagt tccccagccc tccacattcc tccaatggcc 120
attcgcccca agactcatcc acgagcccca t 151

<210> 746
<211> 182
<212> DNA
<213> Mus musculus

<400> 746
cttggctgaa gaggaataaa aaactgagca ggaggtgggt gaggggaatgg atatctctac 60
tcgctccaaa gatcctgtct ctacagagaa aacggccccg aaacggaagt tccccagccc 120
tccacattcc tccaatggcc attcgcccca agactcatcc acgagcccca ttaaaaaaaaaa 180
aa 182

<210> 747
<211> 150

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<212> DNA
<213> Mus musculus

<400> 747
agaactgaga ttataagcac accgcagaga attgcccaatt caggaagtgt tctgattggg      60
aatccatata ccctgcacc cgcaatgggc actcagactc acatagctga ggctgctggc      120
tggggttccca gtaaacaag caaaaaaaaaa                                150

<210> 748
<211> 156
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(156)
<223> n = A,T,C or G

<400> 748
tgggg'gcgag actggctttg aattcatgan aaagaagagt gtgaaacaag aagcaaagat      60
cggggttgaa gagggcaaga ggaaaggggg ggatggaagg aaaccctgna nccaccaaca      120
caataaacac aataaactgt atcctgacca cctcaa                                156

<210> 749
<211> 139
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(139)
<223> n = A,T,C or G

<400> 749
caccactgtg gtctcagcaa gtcagaagan gtcagtcagc tcccctggtg gagctggagc      60
tacaagcaac tgtgaaaact actctgcata ttactcttca aaagcagtaa caagtgatct      120
tccacccctc tgcctctcc                                           139

<210> 750
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 750
actgagagat tcccaagaga ctncctggaac tancaccant ttttggttg tacattgcca      60
ggcaggccat tggaatcgga gctgcagtc gattaaggcc agcctggcct acattgagaa      120
acctcatttt gggaaagtga aataactttg caattaacat gcagttggtt caataaagac      180
ttttggaaag tgtcaaaaaa aaaaaa                                205

<210> 751
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

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<400> 751
 tttttggctt gtacattgnc angcangcca ttggaatcgg agctgcantc anattaaggc 60
 cagcctggcc tacattgaga aacctcattt tgggaaagtg aaatactttg tcaattaaca 120
 tgcagttagt tcaataaaga cttttggaaa gtgtcaaaaa aaaaaa 166

<210> 752
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 752
 tgactttgaa ttctgaaaaa taatagnntg aaacaagaat tcaaatatnn gtttggaaga 60
 tgcacaaagg aaaggggggg atggaaggaa accctgcagc caccaacaca ataaacacaa 120
 taaactgtat cctgaccacc tcaaaaaaaaa aaa 153

<210> 753
 <211> 193
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(193)
 <223> n = A,T,C or G

<400> 753
 aggtactacc ctgagctnac gcnataattt tnttctttga cntactctcg caggncattc 60
 nggtcnnanc tgcaancaaa nnaagggcng cctggcctac attganaaac ctcatttttg 120
 gaaagtgaat tactttgtca attaacatgc acttggttca ataaagactt ttggaaagtg 180
 tcaaaaaaaaa aaa 193

<210> 754
 <211> 151
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(151)
 <223> n = A,T,C or G

<400> 754
 ttgtctcgca ggccattcna atcggatcng caatcanatt aaggccagcc tggcctacat 60
 tgagaaacct cattttggga aagtgaataa ctttgtcaat taacatgcag ttggttcaat 120
 aaagactttt ggaaagtgtc aaaaaaaaaa a 151

<210> 755
 <211> 115
 <212> DNA
 <213> Mus musculus

<400> 755
 gattaaggcc agcctggcct acattgagaa acctcatttt gggaaagtga aatactttgt 60
 caattaacat gcagttaggt caataaagac ttttggaag tgcaaaaaa aaaaa 115

<210> 756
 <211> 153
 <212> DNA

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<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 756
ttgaggaact ctcaaagggtc ggacngggacg naggcngcaaa caaantaang ccagcctggc      60
ctacattgag aancctcatt ttgggaaagt gaaatacttt gtcaattaac atgcagttgg      120
ttcaataaag acttttggaa agtgtcaaaa aaa                                  153

<210> 757
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 757
gaggtcggag ctgcagnacg attaaggcca gcctggccta cattgagaaa cctcattttg      60
ggaaaagngaa atactttgtc aattaacatg cagntggntc aataaagact tttggaaag      119

<210> 758
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 758
ggaagcagct gcaatcanat naaggccagg gctggcctac attgagaaaac ctnatttngg      60
gaaagagaaaa tactttgtca nttaanatgc agcnggttca ataaagactt ttggaaagcg      120

<210> 759
<211> 149
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 759
tctcgcaggc cattgcgggt cgganctgcn ttcaaatnaa agncagnctg gcctacattg      60
aaaaacctca ttttgggaaa gtgaaatacc ttggcnatta acatgcagtt gggatcaatna      120
agacttttgg aaagtgtcac caagaaaaac                                  149

<210> 760
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)

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<223> n = A,T,C or G

<400> 760

tttttggtt	ggacattg	angcaggcca	ttggaatcgg	agctgcagtc	agattaaggc	60
cagcctggcc	tacattgaga	aacctcattt	tgggaaagt	aaatactttg	tcaattaaca	120
tgcaattggt	tcaataaaga	cttttgga	gtgtcaaaaa	aaaaaa		166

<210> 761

<211> 108

<212> DNA

<213> Mus musculus

<400> 761

gccagcctgg	cctacattga	gaaacctcat	tttgggaaag	tgaaatactt	tgtcaattaa	60
catgcagttg	gttcaataaa	gacttttgga	aagtgtcaaa	aaaaaaaa		108

<210> 762

<211> 156

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 762

ttttggcttg	tacattgcca	ngcagccatt	ggaatcggag	ctgccttcac	antaangcca	60
gcctggccta	cattgagaaa	cctcattttg	gnaaagtga	anactttgnc	anttaanatg	120
cagntgggtc	aataaagact	tttggaagt	gtccta			156

<210> 763

<211> 214

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(214)

<223> n = A,T,C or G

<400> 763

ttgacagact	gagataaatt	ccnccnatga	tctcctggaa	gctacacaat	ganttggtt	60
gtcattgcca	ggcagccatt	ctaategnag	ctgcnttcac	attaangcca	nnctgnccta	120
cattgagaaa	cctcattttg	nnaaagtga	atactttgtc	aattaacatg	canttggttc	180
aataaagact	tttggaagt	gtcaaaaaaa	aaaa			214

<210> 764

<211> 146

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(146)

<223> n = A,T,C or G

<400> 764

gcaggtcttg	caggacngag	ctgcagtcac	attaaggcca	gnctggccta	cactgagaaa	60
cctcattttg	ggaaagtga	atactttgtc	aattaacatg	cagttgggtc	aataaagact	120
tttggaagt	gtcccaaaaa	aaaaaa				146

<210> 765

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<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 765
aggacggagc tgcagncana tnaaggccag cctggcctac attgagaaac ctcatttttg      60
gaaagtgaaa tactttgtca attaacatgc agttggttca ataaagactt ttggaaagtg      120
tcaaaaaaaaa aaa                                                         133

<210> 766
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 766
gcaggccatt ggaatcggag ctgnaggcag attaaggcca gcctggccta cattgagaaa      60
cctcattttg ggaaagtgaa atactttgtc aattaacatg cagttggttc aataaagact      120
tttggaagt gtcaaaaaaaaa aaaa                                           144

<210> 767
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 767
caatattttt ggcttggaca ttgccnngca ggccattgga atcggagctg cagtcagatt      60
aaggccagcc tggcctacnt tgagaaacct cattttggga aagtgaaata ctttgtcaat      120
taacatgcag ttggttcaat aaagactttt ggaaagtgtc aaaaaaaaaa a              171

<210> 768
<211> 104
<212> DNA
<213> Mus musculus

<400> 768
gcctggccta cattgagaaa cctcattttg ggaaagtgaa atactttgtc aattaacatg      60
cagttggttc aataaagact tttggaaagt gtcaaaaaaaaa aaaa                  104

<210> 769
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(143)
<223> n = A,T,C or G

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<400> 769
gcagccattg gaatcggagc tgcagtcana ttaaggccag cccggcctac attgagaaac 60
ctcatttttg gaaagngaaa tactttgtca attaacatgc agttgggttca ataaagactt 120
ttggaaagtg ccaaaaaaaaa aaa 143

<210> 770
<211> 155
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(155)
<223> n = A,T,C or G

<400> 770
acattgcctg gcaagccatt gcaatcggan ctgcantcac gattaaggcc ngcctggcct 60
acattganaa acctcntttt ggnaaagtga aatactttgt caattaacat gcagttgggtt 120
caataaagac ttttggaaag tgtcaaaaaa aaaaa 155

<210> 771
<211> 191
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(191)
<223> n = A,T,C or G

<400> 771
aggtactagc ctgggctnag gccataattt ctttttgnnn nnntctngca ggtcnttgcn 60
ggnggagctg cagtcaaata aangccagcc tggcctacat tgagaaacct cattttggga 120
aagtgaata ctttgtcaat taacatgcag ttgggttcaat aaagactttt ggaaagtgtc 180
aaaaaaaaa a 191

<210> 772
<211> 199
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(199)
<223> n = A,T,C or G

<400> 772
ctgtagaaaa acccacaang aggtctactg tgagctaacg ncagatttac gnccttgaca 60
tngncangca gncattggaa tcnggcagct gtcagtcaaa attaaaggcca gcctggccta 120
cattgagaaa cctcattttg ggaaagngaa atactttgtc aattaacatg cagttgggtc 180
aataaagact tttggaaag 199

<210> 773
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 773

gcaggtcatt gcgaggtcgg agctgcannc anattaaggc cagcctggcc tacattgaga 60
aacctcattt ggggaaagtg aaatactttg tcaattaaca tgcagttggt tcaataaaga 120
cttttgaaa gtgtcaaaaa aaaaaa 146

<210> 774
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 774
tcggagctgc tagtcagatt aaggccagcc tggcctacat tgagaaacct cattttggga 60
aagtgaata ctttgtcnat taacatgcag ttggttcant aaagactttt ggaaagtgtc 120
aaaaaaaaaa a 131

<210> 775
<211> 154
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(154)
<223> n = A,T,C or G

<400> 775
gatctggact agcagaagtt tttggcttgt acattgccag gcngccattg naatcgacnc 60
tgcanncana ttaaggccag cctggcctac attgagaaac ctcatttttg naaagtgaag 120
tactttgtca attaacangc agttgggttca ataa 154

<210> 776
<211> 180
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(180)
<223> n = A,T,C or G

<400> 776
tacctggaag ctaactttta ggettncatt gccnggcagc cattggaatc ggagctgcag 60
tcanattaag gccagcctgg cctacattga gaaacctcat tttgggaaag tgaaatactt 120
tgtcaattaa catgcagttg gttcaataaa gactttttgga aagngtcca aaaaaaaaaa 180

<210> 777
<211> 205
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(205)
<223> n = A,T,C or G

<400> 777
ggggcccacg cctaggaggn cgngngagaa agccattant gacgcgctaa ngaangccca 60
ncaatcnggc agacagggta agngaaaagn ggttngtgaa aaggngacnc acnccatcac 120
tgatgtctgn acccatgcgg nanaaggcct gggaagactg gnacagttag cctgnctacc 180



ngcatggctg gcccttcctg aaggg

205

<210> 778
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 778
aactgaggtt ccaaaagtgg caggaagccc cctggacett naccctnggc ctgntgtccc 60
tncactacgg cctaaganct tggagtgggg aggaccatgg nggcacntt gccaaagggtc 120
tggacacang catgctggan antggacett gcttaaga 158

<210> 779
<211> 190
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(190)
<223> n = A,T,C or G

<400> 779
tactacctct agctaacgcg aataattttg ttcttngach ttctctngca gccattgnaa 60
tcggagctgc agtcagatta aggccagcct ggcctacatt gagaaacctc attttgggaa 120
agtgaatac tttgtcaatt aacatgcagt tggttcaata aagacttttg gaaagtgtca 180
aaaaaaaaa 190

<210> 780
<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 780
caaattaagg ccagcctggc ctacattgan aaacctcatt ttgggaaagt gaaatacttt 60
gtcaattaac atgcagttgg ttcaataaag acttttggaa agtgtcaaaa aaaaaaa 117

<210> 781
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

<400> 781
tttgaaacca ctgcanaaaa atcccaagaa ggaatcctgg gaagctanca naagtttttg 60
gcttgtgaca ttgccaggca gncattggaa tcgngntgc ngncagatta aggnccagcct 120
ggcctacatt gagaaacctc attttgggaa agggaaatac tttgtcaatt aacatgcagt 180
tggttcaata aagacttttg gaaagtgtcc cctaactaaa gggaaaaaaaaa cttgttc 237

<210> 782
 <211> 220
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(220)
 <223> n = A,T,C or G

<400> 782
 acactgagtt ttaagccacc gcagagaatt gccaatcag gaagtgttct gattgggaat 60
 ccataatccc ctgcacccgc aatgggcact cagactcaca tagctgaggc tgctggctgg 120
 gttcccagtg atcgaanccg anctngagan tttatngnct ctgggttttc acattgttna 180
 ctnaacgngt gtgnaaannn nnatgggaaa ggctcagacg 220

<210> 783
 <211> 222
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(222)
 <223> n = A,T,C or G

<400> 783
 gcccttgaca cactgagagg gttcccctga ggactactnt gaactaacgc canaattact 60
 ntttgacat tgnctgcag gtcattngnn atcggaagct gcagtcaa ataggccagc 120
 ctggcctaca ttgagaaacc tcattttggg aaagtgaat actttgtcaa ttaacatgca 180
 ggnggttcaa taaagacttt tggaaagtgt caaaaaaaaa aa 222

<210> 784
 <211> 115
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(115)
 <223> n = A,T,C or G

<400> 784
 taaggccagc ctggcctaca ttganantcc tcattttggg aaagtgnaat actttgtcaa 60
 ttaacatgca cccagggttca ataaagactt ttggaaagtg tcaaaaaaaaa aacta 115

<210> 785
 <211> 119
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(119)
 <223> n = A,T,C or G

<400> 785
 gcatattact cttcaaaagc agnaacangn gatcttccac ccctctgcct ctccnttgca 60
 anaacagcag gngctcttaa cctgttaatc atggagcatt ttcactagca aaaaaaaaa 119

<210> 786
 <211> 147
 <212> DNA


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<211> 146
<212> DNA
<213> Mus musculus

<400> 791
gcaggccatt gcgaggtcgg agctgcagtc agattaaggc cagcctggcc tacattgaga      60
aacctcattt tgggaaagtg aaatactttg tcaattaaca tgcagttggt tcaataaaga      120
cttttggaag gtgtcaaaaa aaaaaa                                146

<210> 792
<211> 132
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 792
ggtcggagct gcagtcnat taaggccagc ctggcctaca ttgagaaacc tcattttggg      60
aaagtgaat actttgtcaa ttaacatgca gttggttcaa taaagacttt tggaaagtgt      120
caaaaaaaaa aa                                              132

<210> 793
<211> 198
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(198)
<223> n = A,T,C or G

<400> 793
cactgaggaa gtttgntgag cggcctcccc caaacgactc actanggnag cntngcgaaa      60
ttatttttaa gaacgagggg ntcnaacagt gctcattctt catgcaaaag ntgcacagaa      120
gtcttacgga aatgaaaaac gatttttttg cctcctcctt tgtgtgtatc ttatgggcag      180
tggttggaag aaaaaaaaaa                                198

<210> 794
<211> 132
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 794
aatcggagct gcaatcagat taaggccagc ctggcctaca ttgagaaacc tcattttggg      60
aaagtgaat actttgtcaa ttaacatgcn gnnngntcaa taaagacttt tggaaagtgt      120
caaaaaaaaa aa                                              132

<210> 795
<211> 134
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)

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<223> n = A,T,C or G

<400> 795

ctcgcaggca	tqacgggacg	gtactgcagt	canattaagg	ccagcctggc	ctacattgag	60
aaacctcatt	ttgggaaagt	gaantacttt	gtcaattaac	atgcagttgg	ttcaataaag	120
acttttgaa	agtg					134

<210> 796

<211> 170

<212> DNA

<213> Mus musculus

<400> 796

caagtttttg	gcttggacat	tgccaggcag	gccattggaa	tcggagctgc	agtcagatta	60
aggccagcct	ggcctacatt	gagaaacctc	attttgggaa	agtgaaatac	tttgtcaatt	120
aacatgcagt	tggttcaata	aagacttttg	gaaagtgtca	aaaaaaaaaa		170

<210> 797

<211> 114

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(114)

<223> n = A,T,C or G

<400> 797

attaaggcca	gcctggccta	cattganaan	cctcattttg	ggaaagtgaa	atactttgtc	60
aattgacatg	cagttgggtc	aataaagact	tttggaagt	gtcaaaaaaa	aaaa	114

<210> 798

<211> 149

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(149)

<223> n = A,T,C or G

<400> 798

gatggagctt	gccgctntgc	tgtttcgaan	ccatcacgtg	naacacctgc	naccttactc	60
ctagattatt	tggcgggaat	cggtcctntc	cccttncttc	ataacggagt	gctggaatag	120
taaaaattga	accttgagca	aaaaaaaaaa				149

<210> 799

<211> 168

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(168)

<223> n = A,T,C or G

<400> 799

atatattttgt	ttttgacntt	gtctcgcagg	tcttgggaatc	ggaactncaa	ncagattaag	60
gccagcctgg	cctacattgg	gaaacctcat	tttgggaaag	tgaggtactt	tgtcaattaa	120
catgcagttg	gttcaataaa	gactttttgga	aagtgtcaaa	aaaaaaaaaa		168

<210> 800

<211> 134



<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 800
ttgcctggca agcattggaa tcngagctgc gagtcagatt aaggccagcc tggcctacat 60
tgagaaacct cattttggga aagcgaaata ctttggcaat taacatncng ctggttcaat 120
aaagactttt ggaa 134

<210> 801
<211> 173
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(173)
<223> n = A,T,C or G

<400> 801
aggcctcctg aagctagcag aagtttttgg cttgtacatt ntcaggcagc catnggaanc 60
ggagctgcag tcaagttaag gccagcctgg cctacattga gaaacctcat tttgggaaag 120
tgaaatactt tgtcaattaa catgcagntg gttnagtaaa gacttttggga aag 173

<210> 802
<211> 102
<212> DNA
<213> Mus musculus

<400> 802
ccgtggattc ttctacacac ccattgtccc cgcgaagtg gaggaccac aaggtaagct 60
ctgctcctga attaatctta tcccaagtga gaaccacaaa gg 102

<210> 803
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 803
ggggagcgtg gattcttcta cacacccatg tcccgccgcg aagtggagga cccacaaggg 60
acacanctgg agctgngngg aggccagnga gcnngtgacc ttnacacctt ggnactggng 120
gngnnccagn ggagncgtgt ggttgtttat ca 152

<210> 804
<211> 201
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(201)
<223> n = A,T,C or G

<400> 804



taacaccctg tcccgcctg aagtggagga cccacaagtn gcncaactgg agctgggtgg 60
aggcccggna gcaggngacc ttcagacctt gncactggan gtggcccacc ataagcgngn 120
cattntngaa gagcgtntca ccagcatntn ctntctntac catctngat aactactggg 180
gctagacca ccactgacgc a 201

<210> 805
<211> 103
<212> DNA
<213> Mus musculus

<400> 805
actgagaggt tggagtttta atgattcagg cggctctggc ggccaggctg ggcgatatgg 60
tccgcacctt gactgttgag ctgggggtag aggaaaaaaaa aaa 103

<210> 806
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 806
gagctctctg cttgctgctc cagtcgctgt gcttgccctgc tgtggngcct ccctaccagg 60
acagactctt gngcttttgg aaccataagc caaataaacc cttccttcca taaaaaaaaa 120
a 121

<210> 807
<211> 182
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(182)
<223> n = A,T,C or G

<400> 807
ttggctgaag aggaaataaa aactgagcag gagngngngg agggaatgga tatctctact 60
cgctccaaag atcctgtctc tacagagaaa acggccccga aacggaagtt cccagccct 120
ccacattcct ccaatggcca ttgccccaa gactcatcca ccgagcccca taaaaaaaaa 180
aa 182

<210> 808
<211> 119
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(119)
<223> n = A,T,C or G

<400> 808
actgagatcc tgtctctaca ggaggaaaac gggccccgaaa cggnagtcc ccagccctnc 60
acattcctcc aatggccatt cgccccaaaga ctcattccacg agccccatta aaaaaaaaaa 119

<210> 809
<211> 116
<212> DNA
<213> Mus musculus



<220>
<221> misc_feature
<222> (1)...(116)
<223> n = A,T,C or G

<400> 809
aataaggcca gcctggccta cattgagaaa cctcgttttg ggaaagtgaa atactttgtc 60
aatntaacat gcaggtgggt tcaataaaga cttttggaaa gtgttaaaaa aaaaaa 116

<210> 810
<211> 267
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(267)
<223> n = A,T,C or G

<400> 810
ggggagcgtg gcttcttcta cacacccatg tcccgcgng aagtggagga cccacaaggg 60
gcacaactgn agctggngg aggcccgta gcaggnnacc ttcagacctt ggcactggag 120
gtggctccag ccataancgt ggcattgtat gatcaagtgc tgnaccacan atnctgctcc 180
ctctaccata gtgnagaact nctgcaacta gaccaccac taccagctct acccctctnc 240
aatgaataaa acctttgaat gaggcaca 267

<210> 811
<211> 185
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(185)
<223> n = A,T,C or G

<400> 811
gagcttggct gaagaggaaa taaaaactga gcaggaggtg gtggagggaa tggatatctc 60
tactcgctcc aaagatcctg gntctacaga gaaaacggcc ccgaaacgga agttccccag 120
ccctccacat tcttccaatg gccattcgcc ccaagactca tccacgagcc ccattaaaaa 180
aaaaa 185

<210> 812
<211> 190
<212> DNA
<213> Mus musculus

<400> 812
gaactgagct tggctgaaga ggaaataaaa actgagcagg aggtggtgga gggaaatggat 60
atctctactc gctccaaaga tctgtctct acagagaaaa cggccccgaa acggaagtgc 120
cccagccctc cacattctc caatggccat tcgcccgaag actcatccac gagccccatt 180
aaaaaaaaa 190

<210> 813
<211> 237
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(237)
<223> n = A,T,C or G

0950744.064204



<400> 813
tgaggaacat ttcacttgnt gcctttccag nttcaagcnc caactcacca acaaagattt 60
taccgaaaac cttagggcca ataaatgtga atgttggacc ccaaagattt ataagcacac 120
cgcanagaat tgccaattca ggaagtgttc tgattgggaa tccatatacc cctgcacccg 180
caatggncac tcagactcac atagctgagg ctgctggctg ggttcccagt gaacgaa 237

<210> 814
<211> 189
<212> DNA
<213> Mus musculus

<400> 814
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtgggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtcc 120
ccagccctcc acattcctcc aatggccatt cgccccgaaga ctcattccacg agccccatta 180
aaaaaaaaa 189

<210> 815
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 815
ctataaccca tcctaggggt ccgtntttgc tactgtgggn ngngtnggtg ccgttaanac 60
aagactgctc tcttttcncl ntnttaana tanccatctn atcatcctca gatcaccatc 120
taccactgag gccagtgaa gccagccttc ctacnccag tgagatgacc ctggaaacag 180
actgatgcca acctnaatat nggggnttct ggtgtgatgt gaatgaaaat atatcttgtt 240
cactgaaaaa aaaaaa 256

<210> 816
<211> 147
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)
<223> n = A,T,C or G

<400> 816
tcccactgaa gaccanagaa agccagcctt nctacgcccc gtgngangac cctggaaaca 60
gactgatgcc aacctganta tatgaacttc tgggtgtgatg tgaatgaaaa tataatcttgt 120
tcactgagtt tgctaaaaaa aaatgaa 147

<210> 817
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 817
cagcgtaatg accaggataa gccttggcca ggaagcatgn tacgtgtatc agcggacagc 60
ccagctccac cagtgcattt naccaggcac aacacattat ntgaagcna ccccttgaca 120
acaaaaacac t 131

<210> 818
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 818
 gactgaggct gaagaggaga atcccagntt gccttcactc acaagatctg gcagccagag 60
 ccccgagtcc cccaagccca gtgagcagtt caaatataaa accgcacata acaagaaaag 120
 tgaagcacca tgaaactctt gtttgattaa aaaaaaaaa 158

<210> 819
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 819
 aactgaggta acatttcact tgttgccctt ccagtttcaa gcaccaactc accaacaag 60
 attttaccga aaaccttagg gccantaaat gtgaatgttg gaccccaaatt ggtaagaaaa 120
 ttatttaaatt tcagaattga aaaaaaaaaa 150

<210> 820
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 820
 tctgactgac gcctgaagtg ctgagtcttg aaggtgaagc atgngggccc ctgtinctggc 60
 anatggaaat caacctcacc tcttggggga caggctgccc atctcgntgn taaatngact 120
 atgccaataa attaacatgg ctcaactttcg aaaaacccaa at 162

<210> 821
 <211> 123
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(123)
 <223> n = A,T,C or G

<400> 821
 gtgagctctc tgcttgetgc tccagtcgct gtgcttgcc tctgtggtgc ctccctacca 60
 ggacagactc ttngnctttt ggaaccataa gccaaataaa cccttccttc cataaaaaaa 120
 aaa 153

<210> 822
 <211> 178
 <212> DNA

<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 827
ttgaagcgaa gcatctgggn ccctgttctn nnagatggaa ggaacctcan ctccctggggg 60
acaggctgcc catctcggtg ataaattgac tatgccaata aattaacatg gttcactttc 120
aaaaaaaaaa 130

<210> 828
<211> 122
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(122)
<223> n = A,T,C or G

<400> 828
agacaggcct gatttccctca tctgaccagn taaacactca gtaggatntc atcngaacta 60
ctggaaccna cnagactcta nggaaatctt ctgcccctta gnttattttt tggtacagcc 120
ct 122

<210> 829
<211> 146
<212> DNA
<213> Mus musculus

<400> 829
tgaggtgggt gaagactggg ggcagggagt gctttgcaaa cagaagaccc gcaggaaatg 60
ccgagtaatg acttgtgttg gttcaccctc cctgctcccg tcttctttta aaacaaataa 120
acagaatgga aacgcaaaaa aaaaaa 146

<210> 830
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 830
gcccctgttc tggcanatgg aaatcaanct cacctnctgg gggacaggct gcccatctcg 60
ttgataaatt gactatgccg ataaattaac atggttcact ttcaaaaaaa aaaa 114

<210> 831
<211> 192
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(192)
<223> n = A,T,C or G

<400> 831

gactgagggg	ggtgggtg	cgcnctcccc	cgggcgccctc	actaggnaag	ctatgcgaaa	60
ttattttaana	gaacgaggng	atcaaacagt	gctcattctt	catgcaaaag	ttgcacagaa	120
gtcttacgga	aatgaaaaac	gatttttttg	ccctcctcct	tgtgtgnatc	ttatgggcag	180
tggttgaaa	aa					192

<210> 832
 <211> 168
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(168)
 <223> n = A,T,C or G

<400> 832						
gactgagatc	tgactgaanc	ctgagtgtctc	ngtcntgaag	gngaagcatg	tgggcccctg	60
ntctggcaga	tggaantcaa	cctcacctcc	tgngggacag	gctgcccac	tcglttgataa	120
attgactatg	ccaataaatt	aacatgggtc	actttcaaaa	aagaaaaa		168

<210> 833
 <211> 133
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(133)
 <223> n = A,T,C or G

<400> 833						
tgaaggcgaa	gcatgtggnc	ccctgctctg	gcagatggaa	nnnaantca	cctcctgggg	60
gacaggctgc	ccatctcggt	gataaattga	ctatgccaat	aaattaacat	ggttcacttt	120
caaaaaagaa	aaa					133

<210> 834
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 834						
tcttgactga	aacctcgaag	tgctngagtc	ttgaaggnga	ancatgnngg	cccctgttct	60
ggcagatgga	aatcangntc	acctcctggg	ggacaggctg	cccatctcgt	tgataaattg	120
actatgccaa	taaattaaca	tggttcactt	tcaaaaaaaaa	aaa		163

<210> 835
 <211> 132
 <212> DNA
 <213> Mus musculus

<400> 835						
gactgaggtg	tgagctctct	gcttgctgct	ccagtcgctg	tgcttgccctg	ctgtgggtgcc	60
tccttaccag	gacagactct	tgtgcttttg	gaaccataag	ccaaataaac	ccttccttcc	120
ataaaaaaaaa	aa					132

<210> 836
 <211> 178
 <212> DNA

09580741 054504



<213> Mus musculus

<400> 836

gagatacatc	tcatacagcgc	tcagatcacc	atctaccact	gaggcccagt	gaagccagcc	60
ttcctacgcc	cagtgagatg	accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	120
tctggtgtga	tgtgaatgaa	aatatatctt	gttcactgag	tttgctataa	aaaaaaaa	178

<210> 837

<211> 147

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(147)

<223> n = A,T,C or G

<400> 837

tctaccactg	aggcccanng	aagccagcct	tcctacnccc	agtgagatga	ccctggaaac	60
agactgatgc	caacctgaat	atatgaactt	ctggtgtgat	gtgagngaaa	atatatcttg	120
ttcactgagt	ttgctataaa	aaaaaaaa				147

<210> 838

<211> 225

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(225)

<223> n = A,T,C or G

<400> 838

gggctgaggg	agcagcctgg	gccnnggcc	tttctnatgc	ctgccctnec	annttggetg	60
nncctnngn	tcagcctcag	atcaccatct	accactgagg	cccagtgaag	ccagccttcc	120
tacgccag	gagatgaccc	tggaaacaga	ctgatgccaa	cctgaatata	tgaacttctg	180
gtgtgatgtg	aatgaaaata	tatcttggtc	actgaaaaaa	aaaaa		225

<210> 839

<211> 170

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(170)

<223> n = A,T,C or G

<400> 839

tctcatcagc	ctcaggatca	ccatctacca	ctgaggccca	gtgaagccag	ccttcctacg	60
cccagtgaga	cgnncttga	aacagactga	tgccaacctg	aatatatgaa	cttctggtgt	120
gatgtgaatg	aaaatatatc	ttgttcactg	agnttgctat	aaaaaaaaaa		170

<210> 840

<211> 147

<212> DNA

<213> Mus musculus

<400> 840

tctatagcct	cagataccat	ctaccactga	ggcccagtg	agccagcctt	cctacgcccc	60
gtgagatgac	cctggaaaca	gactgatgcc	aacctgaata	tatgaatttc	tggtgtgatg	120
tgagtgaaaa	tatatcttgt	tactga				147

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<210> 841
<211> 268
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(268)
<223> n = A,T,C or G

<400> 841
caccatctac cactgtangc ccagtgaagc cagccttctc acgcccagtg agatgaccct      60
ggaaacagac cgatgccaac ctgantatat gaacttntgg ngtgatgtga atgaaaatat      120
atcttgntcn ctgccaanna agnccaaaag aanctannct tcctacgcnc agtgagatga      180
ccctggaaac agactgatgc caacctgaat atatgaactt ctggcgtgat gtgaatgaaa      240
atatatcttg ttcactgaaa aaaaaaaaaa      268

<210> 842
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 842
tgagatcctc tcatcagcct cangncacca tctaccactg angcccagtg aagccagcct      60
tcctacgccc agtgagatga ccctggnaac agactgatgc caacctgaat atatgaactt      120
ctggtgtgat gtgantgana atatatcttg ttcactgagt ttgctataaa aaaaaaaa      177

<210> 843
<211> 153
<212> DNA
<213> Mus musculus

<400> 843
taagcctaga taccatctac cactgaggcc cagtgaagcc agccttccta cgcccagtgga      60
gatgaccctg gaaacagact gatgccaaac tgaatatatg aacttctggg gtgatgtgaa      120
tgaaaatata tcttgctcac tgaaaaaaaa aaa      153

<210> 844
<211> 132
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 844
cttgatacca tctaccactg nggcccagng aagccagcct tcctacgccc agtgaganga      60
ccctggaaac agactgatgc caacctgaat atatgaactt ctggngcgat gngaataaaa      120
atatatcttg tt      132

<210> 845
<211> 141
<212> DNA
<213> Mus musculus

<400> 845

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ccctctccac ctgaggccca gtgaagccag ccttcctacg cccagtgaga tgaccctgga 60
aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg aaaatatatc 120
ttgttcactg aaaaaaaaaa a 141

<210> 846
<211> 159
<212> DNA
<213> Mus musculus

<400> 846
gcctagatac catctaccac tgaggccag tgaagccagc cttcctacgc ccagtgagat 60
gaccttgaa acagactgat gccaacctga atatatgaac ttctggtgtg atgtgaatga 120
aaatatatct tgttcactga gtttgctata aaaaaaaaa 159

<210> 847
<211> 148
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(148)
<223> n = A,T,C or G

<400> 847
atcaccatct accactgagg cccagtgaag ccagccttcc tacgcccagt gagatgaccc 60
tggnaaacag actgatgcca acctgaatat atgaacttct ggggtgtgat ngaatgaaaa 120
tatatcttgt tcaactgagaa aaaaaaaaa 148

<210> 848
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 848
acatgtgggc ccctgtttctg gencatggaa atcangnga nntcctgggg gacaggctgc 60
ccatctcnnt nataaattga ctatgccaat aaattaacat ggttcaaaa 109

<210> 849
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 849
tgaaggcgaa gcatgtggnc ccctgntctg gcagatggaa nncaantca cctcctgggg 60
gacaggctgc ccatctcgnt gataaattga ctatgccaat accatnaaca tgggtcaaaa 120
aaagaaaa 128

<210> 850
<211> 132
<212> DNA
<213> Mus musculus



<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 850
gactgaggtg ggagctctct gcttgctgnt ccagtcgctg tgcttgccctg ctgtggggcc 60
tccctaccag gacagactct tgggctttnng gnaccataag ccaaataaac ccttccttcc 120
ataaaaaaaaa aa 132

<210> 851
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 851
taagcctaga taccatctac cactgaggcc cagtgaagcc agccttncta cgcccagnga 60
gatgaccctg gaaacagact gatgccaacc tgaatatatg aacttctggt gtgatgngaa 120
tgaaaaatata tcttggtcac tgagaaaaaa 150

<210> 852
<211> 174
<212> DNA
<213> Mus musculus

<400> 852
gactgaggat cctctcatgc agcctcagga caccatctac cactgaggcc cagtgaagcc 60
agccttccta cgcccagtga gatgaccctg gaaacagact gatgccaacc tgaatatatg 120
aacttctggt gtgatgtgaa tgaaaaatata tcttggtcac tgagaaaaaa aaaa 174

<210> 853
<211> 170
<212> DNA
<213> Mus musculus

<400> 853
tctcatcagc ctcaggatca ccatctacca ctgaggccca gtgaagccag ccttcctacg 60
cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt 120
gatgtgaatg aaaatatatc ttgttccactg agtttgctat aaaaaaaaaa 170

<210> 854
<211> 156
<212> DNA
<213> Mus musculus

<400> 854
taagcctcag atcaccatct accactgagg cccagtgaag ccagccttcc tacgcccagt 60
gagatgacct tggaaacaga ctgatgccaa cctgaatata tgaacttctg gtgtgatgtg 120
aatgaaaata tatcttggtc acctgaaaaa aaaaaa 156

<210> 855
<211> 129
<212> DNA
<213> Mus musculus

<400> 855
gaagccagcc ttcctacgcc cagtgagatg accctggaaa cagactgatg ccaacctgaa 60
tatatgaact tctggtgtga tgtgaatgaa aatatatctt gttcactgag tttgctataa 120

090807 11 061201

aaaagaaa

```
<210> 856
<211> 134
<212> DNA
<213> Mus musculus
```

```
<400> 856
ctcaagacac catctanac tgtangccca ntgaagccag ctttctacg cccagngaga      60
tgaccctgga aacagactga tgccaacctg antatatnaa cttctgggng tgatgtgaat    120
qaaaatatat cttg                                     134
```

```
<220>  
<221> misc_feature  
<222> (1)...(154)  
<223> n = A,T,C or G
```

```
<400> 857
taagcctaga tcaccatcta ccaactgaggc ccagngaagc cagccttctt acgcccagtg      60
agatgaccct ggaaacagac tgatgccaac ctgaatatat gaacttcttg tgtgatgtga      120
atgaaaatat atcttqtcca ctgaaaaaaaa aaaa                                154
```

```
<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G
```

```
<400> 858
actgagatct gctgaagcct gaacngctga gncttgaagg ggaanctgn gggccctgt      60
tctggcagat ggaaatcaac cncacctnct ggnggacagg ctgaccatct ngntgataaa    120
tnqactatgc caataaatta acatgg                                           146
```

```

<400> 859
tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgcc 60
agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctgggtgtgat 120
gtgaatgaaa atatatcttg ttcactgagt ttgctataaa aaaaaaa 167

```

<400> 860

[illegible]

ctctcatcag	cctcagatca	ccatctacca	ctgaggccca	gtgaagccag	ccttcctacg	60
cccagtgaga	tgaacctgga	aacagactga	tgccaacctg	aatatatgaa	cttctggtgt	120
gatgtgaatg	aaaatatatc	ttgttcaactg	aaaaaaaaaa	a		161

<210> 861
 <211> 159
 <212> DNA
 <213> Mus musculus

<400> 861						
tctatagcc	tcagatcacc	atctaccact	gaggcccagt	gaagccagcc	ttcctacgcc	60
cagtgaagatg	accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	tctggtgtga	120
tgtgaatgaa	aatatatctt	gttcaactgaa	aaaaaaaaaa			159

<210> 862
 <211> 151
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(151)
 <223> n = A,T,C or G

<400> 862						
gcctagatac	catctaccac	tgaggcccag	tgaagccagc	cttnctacgc	ccagtgaagat	60
gaccttgga	acagactgat	gccaacctga	atatatgaac	ttctggtgtg	atgtgaatga	120
aaatatatct	tgttcaactga	gaaaaaaaaa	a			151

<210> 863
 <211> 152
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(152)
 <223> n = A,T,C or G

<400> 863						
ctcaagatca	tcctctacca	ctgaggccca	ntgaagccag	ccttcctacg	cccantgaga	60
tgaccttgga	aacagactga	tgccaacctg	antatatgaa	cttntggngt	gatgtgaatg	120
aaaatatatc	ttgttcaactg	agaaaaaaaa	aa			152

<210> 864
 <211> 162
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(162)
 <223> n = A,T,C or G

<400> 864						
ctctcattag	cctcagatc	accntctacc	actgaggccc	agtgaagcca	gccttcctac	60
gcccagtgag	atgaccttg	naacagactg	atgccaacct	gaatatatga	acttctggtg	120
tgatgtgaat	gaaaatatat	cttgttcaact	gaaaaaaaaa	aa		162

<210> 865
 <211> 159
 <212> DNA
 <213> Mus musculus


```

<400> 869
gcctagatac catctaccac tgaggcccag tgaagccagc cttcctacgc ccagtgagat      60
gancctggna acagactgat gccaacctga atatatgaac ttctggtgtg atgtgaatga      120
aaatataatct tgttcaactga aaaaaaaaaa                                150

<210> 870
<211> 132
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 870
tgcctagata ccattctaccc tgaggcccag tgaagccagc cttcctacgc ccantgagat      60
gnccttgga acagactgat gccaacctgn atatatgaac ttctggtgtg atgtgaatga      120
aaatataatct tg                                              132

<210> 871
<211> 151
<212> DNA
<213> Mus musculus

<400> 871
tttctagata ccattctacca ctgaggccca gtgaagccag cttcctacgc cccagtgaga      60
tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg      120
aaaatatatc ttgttcaactg agaaaaaaaaa a                                151

<210> 872
<211> 171
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 872
gactgagatc ctctcattag cctcaggaca ccattctacca ctgaggccca nngaagccag      60
cttcctacgc cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa      120
cttctgngt gatgtgaatg aaaatatatc ttgttcaactg agtttgctat a          171

<210> 873
<211> 247
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(247)
<223> n = A,T,C or G

<400> 873
gcagggtgct cgtgtgtgct gctgaggnc tgtgttctgc cngaagaenn ngtnctatatt      60
ttngccnttg ttaaagagan tnattncatc aancnnaaat naccatggta cacactagn      120
gcccanganan gccantctta ctacgccag gtgaggtgac cctggaaaca nactgatgcc      180
tgctgaata tatgaacttc tgggtgtgat tgaatgaaaa tataatcttgt tcaactgaaaa      240
aaaaaaa                                247

<210> 874

```

```

<211> 161
<212> DNA
<213> Mus musculus

<400> 874
tctcatcagc ctcagatcac catctaccac tgaggcccag tgaagccagc cttcctacgc      60
ccagtgaagat gaccctggaa acagactgat gccaacctga atatataaac ttctggtgtg      120
atgtgaatga aaatatatct tgttcactga gaaaaaaaaa a                          161

<210> 875
<211> 291
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(291)
<223> n = A,T,C or G

<400> 875
tacctgtaca tggtcnagta tgaggnggac ttcctataac ccanggaggg ngccgtgtgt      60
gctggtnnng gctttgctnn tgnengncag acggagctgc tctnttttgc cgnnentaaa      120
ganatnctc tnatcancct taggancacc atcnacnact gangnccagg tgaagccagc      180
cttcctacgc ccagaagaga tgaccctgga aacagactga tgccaacctg aatatatgaa      240
cttctggtgt gatgtgaatg aaaatatatc ttgttcactg aaaaaaaaaa a                291

<210> 876
<211> 188
<212> DNA
<213> Mus musculus

<400> 876
gactgagctt ggctgaagag gaaataaaac tgagcaggag gtggtggagg gaatggatat      60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc      120
cagccctcca cattcctcca atggccattc gcccgaagac tcattccacga gcccattaa      180
aaaaaaaaa                                188

<210> 877
<211> 130
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(130)
<223> n = A,T,C or G

<400> 877
tgaggcccag tgaatncagc cttncctacnn ccantgagat gaccctggta gacagactga      60
tgccaacctg aatatatgaa cttctggtgt gatgtgaatg aaaatatatc ttgttcactg      120
agtttgctat                                130

<210> 878
<211> 124
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 878

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gccccgccttc ctcgcccagt gagatgaccc tggnaacaga ctgatgccaa cctgaatata 60
 ttaacttctg gtgtgatgtg aatgaaaata tatcttggtc accgagtttg ctataaaaaa 120
 aaaa 124

<210> 879
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 879
 tgcccaactga atccagcctt cctacgcccc gngngatgan cctgganaca gactnatgcc 60
 aacctganta tatgaacttn tggngtgatg tgaatgaaaa tatatcttgt t 111

<210> 880
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 880
 acgcccggcct tcctacgccc agtgagatga ccctggaaac agactgatgc caacctgaat 60
 atatgaactt ctggtgtgat gtgaatgaaa atatatcntg ttcactgagt ttgctataaa 120
 aaaaa 125

<210> 881
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 881
 tctatagcct cagatcacca tctaccactg aggccagtg aagccagcct tcctacgccc 60
 agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat 120
 gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaa 158

<210> 882
 <211> 163
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(163)
 <223> n = A,T,C or G

<400> 882
 ccatctcatc agcctcaggn caccatctac cactgaggcc cagtgaagcc agccttccta 60
 cgcccagtgat gatgaccctg gaaacagact gatgccaaacc tgaatatatg aacttctggt 120
 gtgatgtgaa tgaaaatata tcttggttcac tgaaaaaaaa aaa 163

<210> 883
 <211> 248
 <212> DNA
 <213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(248)
<223> n = A,T,C or G

<400> 883
gcttggggaa ctctcaaagg gctgacaggn ngcatcctgt ngtganacac ganaanatct      60
cttttgccgc ncctnnga an atgcatctna taanactcag atggacnato taccactgag      120
gcccatgtcn tagncagnct tgctacnccc anaganatga ccctgnnanc agactgatgc      180
caacctgaat atatgaactt ctgggtgtgat gtgaatgaaa atatatcttg ttcactgaaa      240
aaaaaaaaa                                248

<210> 884
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G

<400> 884
cctctcatca gcctcaggnc accatctacc actgaggccc agtgaagcca gccttcctac      60
gcccagttag atgtccctgg aaacagactg atgccaacct gaatatatga acttctgggtg      120
tgatgtgaat gaaaatatat cttgttcact gaaaaaaaaa aa                        162

<210> 885
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 885
tgagatcctt tcactctgct cagatnacca tctaccactg aggcccagct gaagccagcc      60
tttctactcc cagttagatg ngncctggaaa cagactgatg ccaacctgaa tatatgaact      120
tctgggtgtga tgtgaatgaa aatatatctt gttcactgaa aaaaaaaaaa            169

<210> 886
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 886
gactgagacc tctcattagc ctcangacac catctaccac tgaggcccan tgnagccagn      60
cttcctacgc ccagngagat gaccctggaa acagactgat gccaacctga atatatgaac      120
ttntgggtgtg atgtcgaatg aaaatatatc ttgttcactg agtttgctaa aaaaaaaaaa            179

<210> 887
<211> 171
<212> DNA
<213> Mus musculus

<220>

```



<221> misc_feature
<222> (1)...(171)
<223> n = A,T,C or G

<400> 887
gactgagatc ctctcatcag cctcaggnc a cctcctacca ctgaggccca gtgaagccag 60
ccttcctacg cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa 120
cttctggtgt gatgtgaatg aaaatatatc ttgttctactg aaaaaaaaaa a 171

<210> 888
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 888
gactgagctt ggctgaagag gaaataaaaac tgagcaggag gtggtggagg gaatggatat 60
ctctactngc tccaaagatc cngnctctac agagaaaacg gccccgaaac ggaagttccc 120
cagccctcca cattcctcca atggccattc gncccaagac tcatccacga gccccattaa 180
aaaaaaaa 188

<210> 889
<211> 158
<212> DNA
<213> Mus musculus

<400> 889
tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgccc 60
agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat 120
gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaa 158

<210> 890
<211> 150
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(150)
<223> n = A,T,C or G

<400> 890
tgaacttaaa aagatcttgc gctcggntga gctgnncnc cantnnggga cccacactgg 60
ggaaangcac tnccegnatg ccactgtgnt gagaagagat tcatgaggag tgaccatctc 120
accaancatg cccggtagta acaccgagtt 150

<210> 891
<211> 113
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 891
gcccttccta cgcccagtga gatggncctg gnaacagact gatgccaaacc tgaatatatg 60
aacttctggn gtgatgtgaa tgaaatatnt ntgtgtcact ggaaaaaaaaa aaa 113



<210> 892
<211> 114
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(114)
<223> n = A,T,C or G

<400> 892
ccagccttcc tcgcccagtg agatgggcct ggnaacagac tgatgccaac ctgaatatat 60
gaacttctgg tgtgatgtga atgaaaatat atcttgttca ctgaaaaaaaa aaaa 114

<210> 893
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 893
accattctac cactgaggcc cagtgaagct cagccttccct acncccantg agatgaccct 60
gnnaacagac tganagccaa cctgnatata ttgaacttct ggtgngatgn gaatgaaant 120
atatcttggt cactgagaaa aaaaaa 145

<210> 894
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 894
cgtttttgta cagatccatn ggntggggct gngatgacca tctaccnct gagggccagt 60
gaatgccngn cttcctacgc ccagagngat gaccctggaa acagactgat gccaacctga 120
atatatgaac ttctggngtg atgtgaatga aaatatatcc ttgttcaactg agtttgctat 180
ncttctagt tttttatattt gaaaaaaaaa aa 212

<210> 895
<211> 149
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(149)
<223> n = A,T,C or G

<400> 895
aaaaaccatc taccactgca tgcccagctg antccagnct tcctacgccc anngagatga 60
gcctggnaac agactgatgc caacctgaat atatgaactt ctggtgtgat gtgaatgaaa 120
atatatcttg ttcactgaga aaaaaaaaaa 149

<210> 896
<211> 120
<212> DNA

000001.001

<213> Mus musculus

<400> 896

aagccagccc ttccctacgc ccaglgagat gacccctggaa acagactgat gccaacctga 60
atatatgaac ttctgggtgtg atgtgaatga aaatatatct tgttcactga aaaaaaaaaa 120

<210> 897

<211> 116

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(116)

<223> n = A,T,C or G

<400> 897

tagaggccca gtgaagccag ccttcctacc gcccagtgag atgaccctgg aaacagactg 60
atgccaacct gaatatatga accttctggn gggatgtgaa tgaaaatata tcttgt 116

<210> 898

<211> 152

<212> DNA

<213> Mus musculus

<400> 898

cgagggtggtg gaggggaatgg atatctctac tcgctccaaa gatcctgtct ctacagagaa 60
aacggccccc aaacggaagt tccccagccc tccacattcc tccaatggcc attcgcccca 120
agactcatcc acgagcccca ttaaaaaaaaa aa 152

<210> 899

<211> 143

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(143)

<223> n = A,T,C or G

<400> 899

accatctacc actgcatgcc cactgaatcc agccttccta caccagtgga gnggagcctg 60
ganncagact natgccaaacc tgaatatatg aacttctggt gtgatgtgaa tgaaaatata 120
tcttggtcac tgaaaaaaaa aaa 143

<210> 900

<211> 121

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 900

ctaccactga ggcccagtgga agccancctt cctacgcccc gtgngnngnc cctggnaaca 60
gactgatgcc aacctgaata tatgaacttc tggncgtgat gagaatgaaa actatatctt 120
g 121

<210> 901

<211> 142

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(142)

<223> n = A,T,C or G

<400> 901

ctagataacca	tctaccactg	aggcccagtg	aagccagcct	tnctacgccc	agtgagatga	60
ccctggnaac	agactgatgc	cnacctgaat	atatgaactt	ctggngtgat	gtgaatgaaa	120
atatatcttg	ttcactgaaa	aa				142

<210> 902

<211> 156

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(156)

<223> n = A,T,C or G

<400> 902

tctatagcct	cagataccat	ctccactgag	gccagtgaa	gccagccttc	ctacgcccag	60
tgagatggnn	ntggnaacag	tctgatgcca	acctgaatat	atgaacttct	ggtgtgatgt	120
gaatgaaaat	atatcttggt	cactgaaaaa	aaaaaa			156

<210> 903

<211> 159

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(159)

<223> n = A,T,C or G

<400> 903

tctatagcct	cagatcacca	tctaccactg	aggcccagtg	aagccagcct	tcctacnccc	60
agtgagatgg	ccctggnnac	agactgatgc	caacctgaat	atatgaactt	ctgggtgtgat	120
gtgaatgaaa	atatatcttg	ttcactgaaa	gaaaaaaaaa			159

<210> 904

<211> 116

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(116)

<223> n = A,T,C or G

<400> 904

cccctgaggc	ccagtgaagc	cagccttcct	acacccantg	agatggccct	ggnaacagac	60
tgatgccaac	ctnaatatat	gaacttctgg	tgtgatgtga	atgaaaatat	atcttg	116

<210> 905

<211> 193

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(193)
<223> n = A,T,C or G

<400> 905
catcttatat gcctgcccctc cgttttttgna caanatccat ggggntgggg ctnagatcac 60
catctaccac tgaggcccan tgaagccanc cttcctactc ccagtgagat gaccctggaa 120
acagactgat gccaacctna atgtatnnaa ctncctaggtg cagatgnaga atgaaaatat 180
atctttgatc act 193

<210> 906
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 906
agccctttat caccatctac cactgaggcc cantgaancc anccttccta ctcccantna 60
natgangctg ggnncagact gatancaacc tgaatatatg aacttctggt gtgatgtgaa 120
tgaaaatata tcttgttcac tgaaaaaaaa aaa 153

<210> 907
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 907
cccatctacc actgaggccc antgaagcca gccttntctac gccagngag atgnccctgg 60
aaacagactg ntgccaaacct gaatatatga ncttctggng tgatgtgaat gaaaanatat 120
cttgttcact gaaaaaaaa aa 142

<210> 908
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 908
ccctgaggcc cagtgaagcc agccttccta cgcccagtga gatgnccctg gnaacagact 60
gatgccaaacc tgaatatatg aacttctggt gtgatgtgaa tgaaaatata tcttgttcac 120
tgagtttgct ataaaaaaaa aa 142

<210> 909
<211> 299
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(299)
<223> n = A,T,C or G

<400> 909
tctcatcatc gctcaagatc accatctanc actgtangcc caatgaagcc agccttccta 60
cncccattna gatgnccctg gaaacagact natgccaacc tnantatatn aacttntggt 120
gtgaacgnaa atnaaaatat atcttgntca ctnacactga tatccaaaga anccagcctt 180
cctactnncc aatgaagatg accctggaaa cagacttgat ncncaacctg nngggngaac 240
ttctggtgtg atgtgaatga aaatatatct tgttcactga gtttgctaga aaaaaaaaaa 299

<210> 910
<211> 172
<212> DNA
<213> Mus musculus

<400> 910
tgagatccat ctcatcagcc ctcaggatca ccatctacca ctgaggccca gtgaagccat 60
ccttcctacg cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa 120
cttctggtgt gatgtgaatg aaaatatatc ttgttcactg agaaaaaaaa aa 172

<210> 911
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 911
tctcatcagc ctcagatcac catctaccac tgaggccagc tgaagccagc cttcctaccc 60
ccagtgcgat gagcctgggn acagactgat gccaacctga atatatgaac ttctggtgtg 120
atgtgaatga aaatatatct tgttcactga aaaaaaaaaa 160

<210> 912
<211> 152
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(152)
<223> n = A,T,C or G

<400> 912
aagcctagat accatctacc actgangccc agtgaagcca gccttcctac gcccagtgag 60
atggnccctg aaacagactg atgccaacct gaatatatga acttctggtg tgatgtgaat 120
gaaaatatat cttgttcact gaaaaaaaaa aa 152

<210> 913
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G

<400> 913
gtgagccagc cttcctacgc ccantgagat ggnccctggaa acagactgat gccaacctga 60
atatatgaac ttctggtgtg atgtgaatga aaatatatct tgttcacctg aaaaaaaaaa 120
a 121

<210> 914



<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 914
cgcccttcct acgcccagtg agatgaccct ggaaacagac tgatgccaac ctgaatatat 60
gaaccttcctg gngtgattgt gaatgaaaat atntcttgn tcactgaaaa aaaaaaa 117

<210> 915
<211> 142
<212> DNA
<213> Mus musculus

<400> 915
ccctctccac ctgaggccca gtgaagccag ccttcctacg cccagtgaga tgaccctgga 60
aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg aaaatatatc 120
ttgttctactg agaaaaaaaa aa 142

<210> 916
<211> 161
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(161)
<223> n = A,T,C or G

<400> 916
ctctcatcag cctcaggnc aacatctacca ctgaggccca gtgaagccag ccttcctacg 60
cccagtgaga tgaccctgga aacagactca tgccaacctg aatatatgaa cttctggtgt 120
gatgtgaatg aaaatatatc ttgttctactg aaaaaaaaa a 161

<210> 917
<211> 139
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(139)
<223> n = A,T,C or G

<400> 917
ccttctccct gaggcccagt gaagccagcc ttctctacgcc cagtgaatg ancctggaaa 60
cagactgatg ccaacctgaa tatatgaact tctggtgtga tgtgaatgaa aatatatctt 120
gttctactgaa aaaaaaaaa 139

<210> 918
<211> 167
<212> DNA
<213> Mus musculus

<400> 918
tctatcagcc tcagatcacc atctaccact gaggcctagt gaagccagcc ttctctacgcc 60
cagtgaatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
tgtgaatgaa aatatatctt gttctactgag ttgctaaaa aaaaaaa 167

<210> 919
 <211> 167
 <212> DNA
 <213> Mus musculus

<400> 919
 ctataagcct cagatcacca tctaccactg aggccagtg aagccagcct tcttacgccc 60
 agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctgggtgtgat 120
 gtgaatgaaa atatatcttg ttcactgagt ttgctaagaa aaaaaaa 167

<210> 920
 <211> 150
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(150)
 <223> n = A,T,C or G

<400> 920
 tctcatcagc ctcagntcac catctaccac tgaggccag tgaagccagc cttcctacgc 60
 ccagtgaatg gaccctggaa acagactgat gccaacctga atatatgaac ttctgggtgtg 120
 atgtgaatga aaatatatct tgttcactga 150

<210> 921
 <211> 161
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(161)
 <223> n = A,T,C or G

<400> 921
 tctcatcagc ctcagnncac catctaccac tgaggccag tgaagccagc cttcctacgc 60
 ccagtgaatg gaccctggaa acagactgat gccaacctga atatatgaac ttctgggtgcg 120
 atgtgaatga aaacatatct tgttcactga gaaaaaaaaa a 161

<210> 922
 <211> 146
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(146)
 <223> n = A,T,C or G

<400> 922
 accacttgag gccagtgaa gccagccttc ctacgccag tgagatganc ctggaaacag 60
 actgatgcca acctgattat atgaacntct gntgtgatnt gaatgaaaat atatcttgnt 120
 cactgagttt gctatcaaaa aaaaaa 146

<210> 923
 <211> 170
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(170)



<223> n = A,T,C or G

<400> 923

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actgagatcc tctcatcagc ctcaggatca cctctctcnc tgaggcccag tgaagccagc      60
cttcctacgc ccagtgagat gaccctggaa acagactgat gccaacctga atatatgaac      120
ttctggtgtg atgtgaatga aaatatatct tgttctactga aaaaaaaaaa      170
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<210> 924

<211> 121

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(121)

<223> n = A,T,C or G

<400> 924

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catctccact gaggcccagt gaagccagcc ttcctacgcc cagngagatg ggncctggaaa      60
cagactgntg ccaacctgaa tatatgaact tctggtgnga tgtgaatgaa aatatatctt      120
g                                          121
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<210> 925

<211> 178

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(178)

<223> n = A,T,C or G

<400> 925

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gaactgagat ccattctcgc agctctcagc acaccatcta ccactgaggc ccagtgaagc      60
cagccttcct acgcccagng agatgacctt ggaaacagac tgatgccaac ctgaatatat      120
gaacttctgg ngtgatgnga atgaaaatat atcttgttca ctgagtttgc tatagaaa      178
```

<210> 926

<211> 134

<212> DNA

<213> Mus musculus

<400> 926

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gataccatct ccacctgagg ccagtggaag ccagccttcc tacgcccagt gagatgaccc      60
tgaaaacaga ctgatgcaa cctgaatata tgaacttctg gtgtgatgtg aatgaaaata      120
tatcttggtc actg                                          134
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<210> 927

<211> 162

<212> DNA

<213> Mus musculus

<400> 927

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taagcctaga taccatctac cactgaggcc cagtgaagcc agccttccta cggccagtga      60
gatgaccctg gaaacagact gatgccaaac tgaatatatg aacttctggt gtgatgtgaa      120
tgaaaatata tcttggtcac tgagtttgct ataaaaaaaa aa      162
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<210> 928

<211> 142

<212> DNA

<213> Mus musculus

<400> 928

09880711.06.1201

ccactgaggc ccagtgaagc cagccttcct acgcccagtg agatgaccct ggaaacagac 60
 tgatgccaac ctgaatatat gaacttcttg tgtgatgtga atgaaaatat atcttgttca 120
 ctgagtttgc taaaaaaaaa aa 142

<210> 929
 <211> 179
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(179)
 <223> n = A,T,C or G

<400> 929
 gactgagacc tctcataagc ctcaggacac catctaccac tgaggcccag tgaagccagc 60
 cttcctacgc ccagtgaagat gaccctggna acagactgat gccaacctga atatatgaac 120
 ttctggngtg atgtgaatga aaatatatct tgttccactga gtttgctata aaaaaaaaaa 179

<210> 930
 <211> 145
 <212> DNA
 <213> Mus musculus

<400> 930
 gataccatct ccacctgagg ccagtggaag ccagccttcc tacgcccagt gagatgaccc 60
 tggaacacaga ctgatgccaa cctgaatatata tgaacttctg gtgtgatgtg aatgaaaata 120
 tatcttgttc actgaaaaaa aaaaaa 145

<210> 931
 <211> 127
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(127)
 <223> n = A,T,C or G

<400> 931
 aatgccagcc ttcctacgcc catcnggacg acgntggaga cagnctgang ccaacctnaa 60
 tatatgaact tctngngnga tngngaataa aatatatctt gttccactgag tttgctatag 120
 aaaaaaa 127

<210> 932
 <211> 161
 <212> DNA
 <213> Mus musculus

<400> 932
 cctctatcag cctcagatca ccatctacca ctgaggccca gtgaagccag ctttcctacg 60
 ccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt 120
 gatgtgaatg aaaatatatc ttgttccactg aaaaaaaaaa a 161

<210> 933
 <211> 147
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(147)
 <223> n = A,T,C or G

<400> 933
gacaccatct accactgtan gcccantgaa gncagccttc ctacgcccag ngagatgacc 60
ctggnacag actgatgcca acctgantat atgaacttnt ggtgagatgt gaangaaaat 120
atatcttgnn cactgagaaa aaaaaaa 147

<210> 934
<211> 157
<212> DNA
<213> Mus musculus

<400> 934
tctatagcct cagataccat ctaccactga ggcccagtga agccagcctt cctacgccc 60
gtgagatgac cctggaaaaca gactgatgcc aacctgaata tatgaacttc tgggtgatg 120
tgaatgaaaa tatactttgt tcaactgaaaa aaaaaaa 157

<210> 935
<211> 121
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)..(121)
<223> n = A,T,C or G

<400> 935
gccagtga gccagccttn ctacacccag nagagatgan cctgganaca gactgatgcc 60
aacctgnnta tntgaacttc tgggtgtgata gtgnatgana atatatcctc tgttccactga 120
t 121

<210> 936
<211> 149
<212> DNA
<213> Mus musculus

<400> 936
catctaccac tgaggcccag tgaagccagc cttcctacgc ccagtgagat gaccctggaa 60
acagactgat gccaacctga atatatgaac ttctggtgtg atgtgaatga aaatatatct 120
tgttccactga gtttgctata aaaaaaaaa 149

<210> 937
<211> 225
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)..(225)
<223> n = A,T,C or G

<400> 937
tgatcctgcc gtgagaccng agtgctntct tttcgnctgt antaannaga tnnatancat 60
gancnnana tgaccatcta ccaactgnang cccactgaag ccagccttnc tacgnccagt 120
agagatgacc ctgtgaacag actgatgcca acctgaatat atgaacttct ggtgtgatgt 180
gaatgaaaat atatcttgtt cactgagttt gctataaaaa aaaaa 225

<210> 938
<211> 126
<212> DNA
<213> Mus musculus

<400> 938
ccaaaagaag ccagccttcc tacagcccag tgagatgacc ctggaaacag actgatgcca 60

acctgaatat atgaacttct ggtgtgatgt gaatgaaaat atatcttgtc cactgaaaaa 120
aaaaaa 126

<210> 939
<211> 169
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(169)
<223> n = A,T,C or G

<400> 939
tctcatcagc ctcaggncac catctaccac tgaggcccag tgaagccagc cttcctacgc 60
ccagtgaat gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgtg 120
atgtgaatga aaatatatct tgttcactga gtttgctata aaaaaaaaaa 169

<210> 940
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 940
aggcccgtg aagccagcct tcctacgccc agtgagatgg ncctggnaac agactgatgc 60
caacctgaat atatgaactt ctggtgtgat gtgaatgaaa atatatcttg ttcactgaaa 120
aaaaaaaaa 128

<210> 941
<211> 162
<212> DNA
<213> Mus musculus

<400> 941
tctatagcct cagataccat ctaccactga ggcccagtga agccagcett cctacgccc 60
gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
tgaatgaaaa tatatcttgt tcaactgagtt tgctatagaa aa 162

<210> 942
<211> 160
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(160)
<223> n = A,T,C or G

<400> 942
tctcatcagc ctcaggncac catctaccac tgaggcccag tgaagccagc cttcctacgc 60
ccagtgaat gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgtg 120
atgtgaacga aaatatatct tgttcactga aaaaaaaaaa 160

<210> 943
<211> 144
<212> DNA
<213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(144)
 <223> n = A,T,C or G

<400> 943
 agctctcagc acaccatcta ccaactgaggc ccagtgaagc cagccttcct acgcccagng 60
 anatgaccct ggagacagac tgatgccaac ctgactatat gancttntgg ngngatgnga 120
 atgaaaatat atcttggtca ctga 144

<210> 944
 <211> 166
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(166)
 <223> n = A,T,C or G

<400> 944
 tataaaccta gatcaccatc taccactgag gcccagtga gccagccttc ctacgcccag 60
 taagatganc ctgggngcag actgatgcca acctgaatat atgaacttct ggtgtgatgt 120
 gaaatgaaaa tatactctgt tgactgagtt tgctataaaa aaaaaa 166

<210> 945
 <211> 125
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(125)
 <223> n = A,T,C or G

<400> 945
 tgaagccagc cttcctaccc ccantgatat gaccctggna acagactgat gccaacctga 60
 atatatgaac ttctggtgtg atgtgaatga aaatatatct tgttcactga gtttgctata 120
 aaaaa 151

<210> 946
 <211> 151
 <212> DNA
 <213> Mus musculus

<400> 946
 gcctagatca ccatctacca ctgaggccca gtgaagccag cttcctacg ccagtgaga 60
 tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg 120
 aaaatatatc ttgttcactg aaaaaaaaaa a 151

<210> 947
 <211> 131
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(131)
 <223> n = A,T,C or G

<400> 947
 actgaagcca gccttcctac gcccagtgan atgaccctgn naacagactg atgccaacct 60
 gaatatatga acttctggtg tgatgtgaat gaaaatatat cttgttcact gagtttgcta 120



taaaaaaaaa a

131

<210> 948
<211> 166
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(166)
<223> n = A,T,C or G

<400> 948
tctatagcct cagataccat ctaccactga ggcccagtga agccagcctt cctacgcca 60
gtgagatgnc cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgatg 120
tgaatgaaaa tatacttgt tcactgagtt tgctataaaa aaaaaa 166

<210> 949
<211> 127
<212> DNA
<213> Mus musculus

<400> 949
gccagtgaa gccagccttc ctacgcccag tgagatgacc ctggaaacag actgatgcca 60
acctgaatat atgaacttct ggtgtgatgt gaatgaaat atatcttggt cactgagaaa 120
aaaaaa 127

<210> 950
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 950
ctctcatcag cctaagaatc accatntacc actggaggcc cagtgaagcc agccttcnta 60
cgcccagnga gatgaccctg gaaacagact gatgccaacc ctggaatata tggaacttct 120
ggtgtgatgg gaatgaaaat atntccttgt tcactgagtt tgctttaaaa aaaaaa 177

<210> 951
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 951
tgttcctgcc gccagaaggc agtgctctct tttgccgttc ttaangagat ncatcatcat 60
nagcctnaga tcancatata ccantgagc ccaagagaag ccagccttc tacgcccagt 120
gtgatgacc tggaacaga ctgatgcaa cctgaatata tgaacttctg gtgtgatgtg 180
aatgaaaata tatcttggtc actgaaaaaa aaaaa 215

<210> 952
<211> 151
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 952
atctcatcag cctcaggnc a ccatctacca ctgaggccca gtgaagccag ccttcctacg      60
cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt      120
gatgtgaatg aaaatatatc ttgttcaactg a                                     151

<210> 953
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 953
attgcagcac ttcctacgcc cngtgngntg accctggaaa cagactgatg ccaacctgaa      60
tatatgaact tctggtgtga tgtgaatgaa aatatatctt gttcacctga aaaaaaaaaa      120

<210> 954
<211> 126
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(126)
<223> n = A,T,C or G

<400> 954
gaagccagcc ttcctacgcc cagtggagatg accctggaaa cagaccggan gccaacctgg      60
aatatatnga acttctgggt gtngatgtga atgaaaatat atccttggtc acctgaaaaa      120
aaaaaa                                     126

<210> 955
<211> 153
<212> DNA
<213> Mus musculus

<400> 955
tagcctagat caccatctac cactgaggcc cagtgaagcc agccttccta cgcccagtga      60
gatgaccctg gaaacagact gatgccaacc tgaatatatg aacttctggt gtgatgtgaa      120
tgaaaatata tcttggtcac tgaaaaaaaaaaa aaa                               153

<210> 956
<211> 174
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(174)
<223> n = A,T,C or G

<400> 956
accatctacc actgengccc actgaancca gccttcctac gccccagtga atgaccctgg      60
aaacagactg atgccaacct gaatatatga acttctggtg tgatgtgaat gaaaatatat      120
ctgtttcact gagtttgcta tacatttagt gtttttattt tgtaaaaaaaaa aaaa       174

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<210> 957
 <211> 157
 <212> DNA
 <213> Mus musculus

<400> 957
 tctatagcct cagataccat ctaccactga ggcccagtga agccagcctt cctacgcca 60
 gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
 tgaatgaaaa tatatcttgt tcaactgaaa aaaaaaa 157

<210> 958
 <211> 175
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(175)
 <223> n = A,T,C or G

<400> 958
 tgccaagacc tccgtttttg ttcagatcca taaagcccag gcctcagatc accatctacc 60
 acctgaggcc cagngaagcc agccttncta cgcccagtga gatgaccctg gaaacagact 120
 gatgccaacc tgantatatg aacttctggn gtgangngaa tgaaaatata tcttg 175

<210> 959
 <211> 158
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(158)
 <223> n = A,T,C or G

<400> 959
 tcatgagcct cagaacacca totaccactg aggcccagtg aagccaggct tctacgccc 60
 agtgagatga ncctggnaac agactgatgc caacctgaat atatgaactt ccggtgtgat 120
 gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaa 158

<210> 960
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 960
 atgactgctg aaaaaccatn taccactgca tgcccactga ntgcagnctt cctacgcca 60
 gtgagangac cctggtanac nactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
 tgaatgaaaa tatatcttgt tcaactgaaa aaaaaa 156

<210> 961
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 961
 gccttcactc ccagtgagat gaccctggaa acagactgat gccaacctga atatatgaac 60
 ttctggtgtg atgtgaatga aaatatatct tgttcactga aaaaaaaaaa 110

<210> 962
 <211> 158
 <212> DNA
 <213> Mus musculus

<400> 962	
tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tccctacgcc	60
agtgagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat	120
gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaa	158

<210> 963
 <211> 168
 <212> DNA
 <213> Mus musculus

<400> 963	
tctatcagcc tcagatcacc atctaccact gaggcccagtg gaagccagcc ttcctacgcc	60
cagtgaatga accctggaaa cagactgatg ccaacctgaa tataatgaact tctggtgtga	120
tgtgaatgaa aatatatctt gttcactggg tttgctataa aaaaaaaaa	168

<210> 964
 <211> 334
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(334)
 <223> n = A,T,C or G

<400> 964	
cccagtgaga tggcctggaa acagactgat gccnacctga atatatgaac ttctggngtg	60
atgngantga aaatatatct tgttcactgn anaacacaaa ctaangcctn agctgnannc	120
tgatttnaaa ataacagacc tgctnnggctt gcaaggaggn tcccnngngg ggaaactcan	180
tantagtctc cctgtgccac cactctgggc cttttaatgc caagaaagaa ttcancgcga	240
gaanaccttg gagatgggtg cggaactcca gaatganggn ggacttgcag aaaccatgga	300
ccccgcacca cccaaaccct tcccgtagca ctaa	334

<210> 965
 <211> 149
 <212> DNA
 <213> Mus musculus

<400> 965	
taagataacca tctaccacct gaggcccagtg gaagccagcc ttcctacgcc cagtgaatga	60
accctggaaa cagactgatg ccaacctgaa tataatgaact tctggtgtga tgtgagtga	120
aatatatctt attcactgaa aaaaaaaaa	149

<210> 966
 <211> 103
 <212> DNA
 <213> Mus musculus

<400> 966	
ctcccagtgat gatgacctg gaaacagact gatgccaaacc tgaatatatg aacttctggt	60
gtgatgtgaa tgaaaatata tcttggtcac tgaaaaaaaa aaa	103

<210> 967
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 967

09800741 064204

agcctagatc accatctacc actgaggccc agtgaagcca gccttcctac gccagtgag 60
atgaccctgg aaacagactg atgccaaact gaatatatga acttctggtg tgatgtgaat 120
gaaaatatat cttgttcact gagaaaaaaa aaa 153

<210> 968
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 968
tataagccta gatcaccatc taccactgag gccagtgaa gccagccttc ctacgccag 60
tgagatgacc ctggaaacag actgatgcca acctgaatat gngaacttct ggtgtgatgt 120
yaatgaaaat atatcttggt cactgagttt gctataaaaa aaaaa 165

<210> 969
<211> 110
<212> DNA
<213> Mus musculus

<400> 969
gccttctctc ccagtgagat gaccctggaa acagactgat gccaacctga atatatgaac 60
ttctggtgtg atgtgaatga aaatatatct tgttcactga aaaaaaaaaa 110

<210> 970
<211> 117
<212> DNA
<213> Mus musculus

<400> 970
gccagccttc ctaccgccc gtagatgac cctggaaaca gactgatgcc aacctgaata 60
tatgaacttc tgggtgatg tgaatgaaaa tatacttctg tctactgaaa aaaaaa 117

<210> 971
<211> 101
<212> DNA
<213> Mus musculus

<400> 971
cccagtgaga tgaccctgga aacagactga tgccaacctg aatatatgaa cttctggtgt 60
gatgtgaatg aaaatatatc ttgttcactg aaaaaaaaaa a 101

<210> 972
<211> 159
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(159)
<223> n = A,T,C or G

<400> 972
tctatcagcc tcagatcacc atctaccact gaggccagc gaagccagcc ttcctacgcc 60
cagtgaatg nccctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
tgtgaatgaa aatatatctt gtctactgaa aaaaaaaaaa 159

<210> 973
<211> 156


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<212> DNA
<213> Mus musculus

<400> 973
tagataccat ctaccactga ggcccagtg agccagcctt cctacgcca gtgagatgac      60
cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgatg tgaatgaaaa      120
tatacttgtt tcactgagtt tgctataaaa aaaaaa      156

<210> 974
<211> 159
<212> DNA
<213> Mus musculus

<400> 974
tctatagcct cagatcacca tctaccactg aggcccagtg aagccagcct tcctacgccc      60
agtgagatga ccttggaac agactgatgc caacctgaat atatgaactt ctgggtgat      120
gtgaatgaaa atatatcttg ttcactgaga aaaaaaaaa      159

<210> 975
<211> 153
<212> DNA
<213> Mus musculus

<400> 975
tagcctagat accatctacc actgaggccc agtgaagcca gccttcctac gccagtgag      60
atgaccctgg aaacagactg atgccaacct gaatatatga acttctgggtg tgatgtgaat      120
gaaaatatat cttgttcact gagaaaaaaaa aaa      153

<210> 976
<211> 225
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(225)
<223> n = A,T,C or G

<400> 976
gttcctgccc ccagacggtg ngctctcttt tnccgttact taangngatg catctcatca      60
gnctnanata naccatntac cantagagggc ccagtagaag ccgagccttc ctacnccan      120
ggagatgacc ctgnaaacag actgatgcca acctgaatat atgaacttct ggtgtgatgt      180
gaatgaaaat atatcttggt cactgagtat gctataaaaa aaaaa      225

<210> 977
<211> 174
<212> DNA
<213> Mus musculus

<400> 977
gatcctctca tcagcctcag atcaccatct accactgggg cccagtgaag ccagccttcc      60
tacgcccagt gagatgacc tggaacaga ctgatgcaa cctgaatata tgaacttctg      120
gtgtgatgtg aatgaaaata tatcttggtc actgagtttg ctataaaaaa aaaa      174

<210> 978
<211> 158
<212> DNA
<213> Mus musculus

<400> 978
tctatcagcc tcagatcacc atctaccact gagggccagt gaagccagcc ttcctacgcc      60
cagtgagatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctgggtgtga      120
tgtgaatgaa aatatatctt gttcactgaa aaaaaaaaa      158

```

<210> 979
 <211> 153
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(153)
 <223> n = A,T,C or G

<400> 979
 gataccatct ccactgaggc ccagtgaagc cagccttcct acgcccantg agangnnct 60
 ggnaacagac tgatgccaac ctgaatatat gaacttctgg tgtgatgtga atgaaaatat 120
 atcttgttca ctgagtttgc tataaaaaaa aaa 153

<210> 980
 <211> 166
 <212> DNA
 <213> Mus musculus

<400> 980
 tctatagcct agatcaccat ctaccactga ggcccagtga agccagcctt cctacgcccc 60
 gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
 tgaatgaaaa tataatcttgt tcaactgagtt tgctataaaa aaaaaa 166

<210> 981
 <211> 150
 <212> DNA
 <213> Mus musculus

<400> 981
 gcctagatac catctaccac tgaggcccag tgaagccagc cttcctacgc ccagtgagat 60
 gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgtg atgtgaatga 120
 aaatataatct tgttcaactga aaaaaaaaaa 150

<210> 982
 <211> 168
 <212> DNA
 <213> Mus musculus

<400> 982
 tctatcagcc tcagatcacc atctaccact gagggccagt gaagccagcc ttcctacgcc 60
 cagtgagatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
 tgtgaatgaa aatatatctt gttcaactgag tttgctataa aaaaaaaa 168

<210> 983
 <211> 122
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(122)
 <223> n = A,T,C or G

<400> 983
 gagccagcct tcctacgccc agngagatga ccctggaaac agactgango caacctgnat 60
 atatgaactt ctggtgtgat gtgngtgaaa atatatctnt gtcccaactgc gcaaaaaaaaaa 120
 aa 122

<210> 984
 <211> 121
 <212> DNA

0988094 061001

[illegible]

<221> misc feature

<223> n = A, T, C or G

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gtgaagcctg cctttcctac gccagngag atgacccctg aaacagactg atgccaacct      60
gaatatatga acttctggtg tgatgtgaat gaaaatatat cttgntcact gagtttgcta    120
a                                           121
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$\langle 211 \rangle$ 108

<212> DNA

<213> Mus musculus

<221> misc feature

<222> (1) ... (108)

 $\langle 223 \rangle$ n = A, T, C or G

aagagatcca tctcatcagc ctcagatcac catctaccnc tgaggccena ntgangccag 60
cctttctacg ccnagtqaga tgaccctgga aacagactga tgccaacc 108

<211> 129

<212> DNA

<213> Mus musculus

```
agaagccagc cttcctaccc ccagtgagat gaccctggaa acagactgat gccaacctga      60
atatatgaac ttctggtgtg atgtgaatga aaatatatct tgttcaactga gtttgctata    120
aaaaaaaaa                                     129
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<211> 182

<212> DNA

<213> Mus musculus

<221> misc feature

 $\langle 222 \rangle \quad (1) \dots (182)$

<223> n = A, T, C or G

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gagatccatc  tcatcaagcc  tcagatnncc  atctaccact  gaggcccaag  tagaagccag      60
ccttcctacc  gcccaggtga  gatgaccctg  gaaacagact  gatgccaaac  ttgaatatat     120
gaacttctgg  cgtgatgtga  atgaaaatat  atcttgttca  ctgagtttgc  taaaaaaaaa     180
aa                                         182
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<211> 164

<212> DNA

<213> Mus musculus

<221> misc feature

$$\langle 222 \rangle \quad (1) \dots (164)$$

<223> n = A, T, C or G

<400> 988

ggcttgagtc cagcccaatg acaccgncnc ccactgaggn ccagtgaagc cagncttcct 60
acgcccagng agatgaccct ggaaacagac tgatgccaac ctgaatatat gaacttcttg 120
tgtgatgtga atgaaaatat atcttgttca ctgaaaaaaa aaaa 164

<210> 989
<211> 166
<212> DNA
<213> Mus musculus

<400> 989
tctatagcct ctgataccat ctaccactga ggcccagtga agccagcctt cctacgcccc 60
gtgagatgac cctggaaaca gactgatgcc aacctgaata tatgaacttc tgggtgtgatg 120
tgaatgaaaa tatactctgt tcactgagtt tgctataaaa aaaaaa 166

<210> 990
<211> 115
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(115)
<223> n = A,T,C or G

<400> 990
gcctttccct acgcccagcn gagatgaccc tggaaacaga ctgatgccaa cctgaatata 60
tgaacttctg gtgtgatgtg aatgaaaata tatcttgntc actgaaaaaa aaaaa 115

<210> 991
<211> 170
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 991
gactgagagg cttgantccg ccngacacc gnctcccact ggagnccana gaanccagcc 60
ttntacgcc cagccgagat gaccctggaa acagactgat gccaacctga atatatgaac 120
ttctggtgtg atgtgaatga aaatatatct tgttcactga aaaaaaaaaa 170

<210> 992
<211> 161
<212> DNA
<213> Mus musculus

<400> 992
gcctagatca ccatctacca ctgaggccca gtgaagccag ctttccctacg ccagtgaga 60
tgaccctgga aacagactga tgccaacctg aatatatgaa tttctggtgt gatgtgaatg 120
aaaatatatc ttgttccactg agtttgctat gaaaaaaaaa a 161

<210> 993
<211> 161
<212> DNA
<213> Mus musculus

<400> 993
cctctatagc ctcagatcac catctaccac tgaggcccag tgaagccagc ctttccctacgc 60
ccagtgaatg gaccctggaa acagactgat gccaacctga atatatgaac ttctggtgtg 120
atgtgaatga aaatatatct tgttcactga gaaaaaaaaa a 161

<210> 994
 <211> 112
 <212> DNA
 <213> Mus musculus

<400> 994
 gtggggcccca tgttctgcag atggaaatca acctcacctc ctggggggaca ggctgcccac 60
 cccgttgata aattgactat gccataaat caacatgggt caaaaaaaaa aa 112

<210> 995
 <211> 153
 <212> DNA
 <213> Mus musculus

<400> 995
 ataccctctc cacgtgagge ccagtgaagc cagccttctc acgcccagtg agatgaccct 60
 ggaaacagac tgatgccaac ctgaatatat gaacttcttg tgtgatgttg atgaaaatat 120
 atcttgttca ctgagtttgc tataaaaaaa aaa 153

<210> 996
 <211> 159
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(159)
 <223> n = A,T,C or G

<400> 996
 taccactcta ccacctgagg ccagtgaag ccagccttcc tacgcccagt gagatgaccc 60
 tgaaacaga ctgatgccaa cctgaatata tgaacttctg gtgtgatgtg aatgaaaata 120
 tatcttggtc actgantttg ctatagggaa aaaaaaaaa 159

<210> 997
 <211> 140
 <212> DNA
 <213> Mus musculus

<400> 997
 ccctctccac tgaggcccag tgaagccagc cttcctacgc ccagtgagat gaccctggaa 60
 acagactgat gccaacctga atatatgaac ttctgggtgtg atgtgaatga aaatacatct 120
 tgttctactga aaaaaaaaa 140

<210> 998
 <211> 128
 <212> DNA
 <213> Mus musculus

<400> 998
 gtgtgaacaa tgaagcaaag atcgggttgg aagagggcaa gaggaaggagg ggggatggaa 60
 ggaaaccctg cagccacca cacaataaac acaataaacc tgtatcctga ccacctcaaa 120
 aaaaaaaaa 128

<210> 999
 <211> 137
 <212> DNA
 <213> Mus musculus

<400> 999
 tctccactga ggcccagtg agccagcctt cctacgcccc gtgagatgac cctggaaaca 60
 gactgatgcc aacctgaata tatgaacttc tgggtgtgat tgaatgaaaa tatatcttgt 120
 tcactgaaaa aaaaaaa 137



<210> 1000
<211> 188
<212> DNA
<213> Mus musculus

<400> 1000
gactgagctt ggctgaagag gaaataaaaac tgagcaggag gtggtggagg gaatggatat 60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc 120
cagccctcca cattctcca atggccattc gccccaagac tcattccacga gccccattaa 180
aaaaaaaa 188

<210> 1001
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 1001
cagaggccca gtgaagccag ccttcctcag cccagtgaga tgaccctgga nacagactga 60
tgccaacctg aatatatgaa cttctggtga gatgcgaatg aaaat 105

<210> 1002
<211> 160
<212> DNA
<213> Mus musculus

<400> 1002
tctatcagcc tcagatcacc atctaccact gaggcccagt gaagccagcc ttcctacgcc 60
cagtgaatg accctggaaa cagactgatg ccaacctgaa tatatgaact tctggtgtga 120
tgtgaatgaa aatatatctt gttcactgag aaaaaaaaaa 160

<210> 1003
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 1003
cctcagatc ccatctacca ctgangccca gtgaagccag ccttcctacg cncanngaga 60
nnaccctgn aacagactga tgccaacctg antatatgaa cttctggtgt gatgtgaang 120
aaaatatata ttgttctactg agaaa 145

<210> 1004
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 1004
atactttcta ccaactgaggc ccagtgaagc cagcctttct acgcncantg ngannaccct 60
ggaaacagac tgatgccaac ctgaatatat gaacttctgg tgtgatgtga atgaaaatat 120

atcattg

127

<210> 1005

<211> 135

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(135)

<223> n = A,T,C or G

<400> 1005

cctcttgagg	cccagtgaag	ccagccttcc	tacgcccagt	gagatgaccc	tggaaacaga	60
ctgatgccaa	cctgaatata	tgaacttctg	gtgngatgtg	aatgaaanta	tatcttggtc	120
actgaaaaaa	aaaaa					135

<210> 1006

<211> 140

<212> DNA

<213> Mus musculus

<400> 1006

ccgtctccca	tgaggcccag	tgaagccagc	cttcctacgc	ccagtgagat	gaccctggaa	60
acagactgat	gccaacctga	atatatgaac	ttctggtgtg	atgtgaatga	aaatatatct	120
tgttcactga	aaaaaaaaa					140

<210> 1007

<211> 150

<212> DNA

<213> Mus musculus

<400> 1007

gcctagatac	catctaccct	gaggcccagt	gaagccagcc	ttcctacgcc	cagtgagatg	60
accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	tctggtgtga	tgtgaatgaa	120
aatatatctt	gttcactgag	aaaaaaaaa				150

<210> 1008

<211> 135

<212> DNA

<213> Mus musculus

<400> 1008

ccacatgagg	cccagtgaag	ccagccttcc	tacgcccagt	gagatgaccc	tggaaacaga	60
ctgatgccaa	cctgaatata	tgaacttctg	gtgtgatgtg	aatgaaaata	tatcttggtc	120
actgaaaaaa	aaaaa					135

<210> 1009

<211> 162

<212> DNA

<213> Mus musculus

<400> 1009

ctctcatcag	cctcagttca	ccatctacca	ctgaggccca	gtgaagccag	ccttcctacg	60
cccagtgaga	tgaccctgga	aacagactga	tgccaacctg	aatatatgaa	cttctggtgt	120
gatgtgaatg	aaaatatatc	ttgttcactg	agaaaaaaaa	aa		162

<210> 1010

<211> 134

<212> DNA

<213> Mus musculus

<220>

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<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 1010
cccatgaggc ccagtgaagc cagccttcct acgcccagtg agatgaccct ggaaacagac      60
tgatgccaac ctgaatatat gaacttcttg tgtgatgtga atgaaaatat atcttgntca      120
ctgaaaaaaaa aaaa                                     134

<210> 1011
<211> 188
<212> DNA
<213> Mus musculus

<400> 1011
gactgagctt ggctgaagag gaaataaaaac tgagcaggag gtggtggagg gaatggatat      60
ctctactcgc tccaaagatc ctgtctctac agagaaaacg gccccgaaac ggaagttccc      120
cagccctcca catcctcca atggccattc gcccacagac tcattccacga gcccattaa      180
aaaaaaaaa                                           188

<210> 1012
<211> 140
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(140)
<223> n = A,T,C or G

<400> 1012
atcaaccaca tgaggcccca gtgaagccag ctttcctacg cccagtgaga ngaccctgga      60
aacagactga tgccaacctg aatatatgaa cttctggtgt gatgngaatzg aaaatatatc      120
ttgttcaactg aaaaaaaaaa                               140

<210> 1013
<211> 119
<212> DNA
<213> Mus musculus

<400> 1013
tgaagccagc cttcctcgcc cagtgagatg accctggaaa cagactgatg ccaacctgaa      60
tatatgaact tctggtgtga tgtgaatgaa aatatatctt gttcactgaa aaaaaaaaaa      119

<210> 1014
<211> 133
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(133)
<223> n = A,T,C or G

<400> 1014
catgaggccc agtgaagcca gccttcctac gencagntga gatgaccctg gatacagact      60
gatgccaacc tgaatatatg aacttctggt gtgatgtgaa tgaaaatata tcttgttcac      120
tgaaaaaaaaa aaa                                     133

<210> 1015
<211> 139
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(139)
<223> n = A,T,C or G

<400> 1015
ccgtctccct gaggccagct gaagccagcc ttcttacgcc cagtgaagatg accctggaaa 60
cagactgatg ccaacctgaa tatatgaact tctggtgtga tgtgaatgaa aatatatctt 120
gttcactgaa aaaaaaaaaa 139

<210> 1016
<211> 152
<212> DNA
<213> Mus musculus

<400> 1016
gcctcagatc accatctacc actgaggccc agtgaagcca gccttcctac gccagtgag 60
atgaccctgg aaacagactg atgccaacct gaatatatga acttctggtg tgatgtgaat 120
gaaaatatat cttgttcact gaaaaaaaaa aa 152

<210> 1017
<211> 145
<212> DNA
<213> Mus musculus

<400> 1017
cccgtcgtca cacatgaggc ccagctgaag ccagccttcc tacgcccagt gagatgaccc 60
tggaacaga ctgatgccaa cctgaatata tgaacttctg gtgtgatgtg aatgaaaata 120
tatcttggtc actgaaaaaa aaaaa 145

<210> 1018
<211> 158
<212> DNA
<213> Mus musculus

<400> 1018
ctctatcagc ctcagatacc atctccactg aggccagtg aagccagcct tcctacgccc 60
agtgaagatga ccctggaaac agactgatgc caacctgaat atatgaactt ctggtgtgat 120
gtgaatgaaa atatatcttg ttcactgaaa aaaaaaaaa 158

<210> 1019
<211> 144
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(144)
<223> n = A,T,C or G

<400> 1019
cccgtcgtac cacatgaggc ccagngaagc cagccttcct acgcccagtg agatgaccct 60
ggaaacagac tgatgccaac ctgaatatat gaacttcngg tgtgatgtga atgaaaatat 120
atcttggtca ctgaaaaaaaa aaaa 144

<210> 1020
<211> 142
<212> DNA
<213> Mus musculus

<400> 1020
ccgtctacca catgaggccc agtgaagcca gccttcctac gccagtgag atgaccctgg 60
aaacagactg atgccaacct gaatatatga acttctggtg tgatgtgaat gaaaatatat 120

09860711-051204

cttgttcact gaaaaaaaaa aa

142

<210> 1021

<211> 127

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(127)

<223> n = A,T,C or G

<400> 1021

tctcacgtga	ggcccagnga	agccagcctt	cctacgcccc	gtngagatga	ccctggaaac	60
agactgatgc	caacctgaat	atatgaactt	ctggtgtgat	gtgaatgaaa	ntatatcttg	120
ctcactg						127

<210> 1022

<211> 158

<212> DNA

<213> Mus musculus

<400> 1022

tctatcagcc	tcagatacca	tctaccactg	aggcccagtg	aagccagcct	tcctacgccc	60
agtgagatga	ccctggaaac	agactgatgc	caacctgaat	atatgaactt	ctggtgtgat	120
gtgaatgaaa	atatatcttg	ttcactgaaa	aaaaaaaa			158

<210> 1023

<211> 159

<212> DNA

<213> Mus musculus

<400> 1023

tctatatgcc	tcagatcacc	atctaccact	gaggcccagtg	gaagccagcc	ttcctacgccc	60
cagtgaatga	accctggaaa	cagactgatg	ccaacctgaa	tatatgaact	tctggtgtga	120
tgtgaatgaa	aatatatctt	gttcactgaa	aaaaaaaa			159

<210> 1024

<211> 118

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(118)

<223> n = A,T,C or G

<400> 1024

ccacatgagg	cccagnga	ccagccttcc	tacgcccagtg	gagatgaccc	tggaacaga	60
ctgatgccaa	cctgaatata	tgaactngct	ggtgngatgt	gaatgaaaat	atatcttg	118

<210> 1025

<211> 162

<212> DNA

<213> Mus musculus

<400> 1025

actcactagg	gaagctatgc	gaaattatth	aaaagaacga	ggggatcaaa	cagtgtctcat	60
tcttcattga	aaagttgcac	agaagtctta	cggaaatgaa	aaacgatttt	tttgccctcc	120
tccttggtgtg	tatcttatgg	gcagtggttg	gaaaaaaaaa	aa		162

<210> 1026

<211> 135



<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(135)
<223> n = A,T,C or G

<400> 1026
ccattctacc acctgaggcc cagtgaagcc agccttccta cgcccagnga gatgaccctg 60
gaaacagact gatgccancc tgaatatatg aacttctggt gtgatgtgaa tgaaaataca 120
tcttgttcac tgaaa 135

<210> 1027
<211> 127
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(127)
<223> n = A,T,C or G

<400> 1027
ggcccagtga agccagcctt cctacgcccc gngagatgac cctggaaaca gactgatgcc 60
aacctgaata tatgaacttc tgggtgtgatg tgantgaaaa tatactcttg tcactgaaaa 120
aaaaaaaa 127

<210> 1028
<211> 134
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(134)
<223> n = A,T,C or G

<400> 1028
tgttgatgc aggcacntct ggctccaaac tgtgtttctc caagtgcctt gtctccttcc 60
agcataccac tgagatgtca aagtccacca tggtaaaca tttcttgtag tcccttttgc 120
ctcaaaaaaaaa aaaa 134

<210> 1029
<211> 118
<212> DNA
<213> Mus musculus

<400> 1029
tatggcatcc aaactgtgtt cttccaagt cctgtctcc ttccagcata ccaactgagat 60
gtcaaagtcc accatggtta aacatttctt gtagtcctt ttgcctcaaa aaaaaaaaa 118

<210> 1030
<211> 111
<212> DNA
<213> Mus musculus

<400> 1030
gatgacggac gtctggcgtc caaacctgtg ttcttccaag tgccctgtct ccttccagca 60
taccacctga gatgtcaaag tccaccatgg ttaaacattt cttgtagtcc a 111

<210> 1031
<211> 113

<210> 1037
 <211> 139
 <212> DNA
 <213> Mus musculus

<400> 1037
 tctaccactg aggccagag aagccagcct tcctacgccc agtgagatga ccctggaaac 60
 agactgatgc caacctgaat atatgaactt ctggtgtgat gtggatgaaa atatatcttg 120
 ttcactgaga aaaaaaaaaa 139

<210> 1038
 <211> 168
 <212> DNA
 <213> Mus musculus

<400> 1038
 tctcatcagc ctcagatcac catctaccac tgaggcccag tgaagccagc cttccgacgc 60
 ccagtgaatg gaccttgaa acaaaactgat gccaacctgg atatatgaac ttctgggtgtg 120
 atgtgaatga aaatatatct tgtttactga gtttgctaaa aaaaaaaaaa 168

<210> 1039
 <211> 143
 <212> DNA
 <213> Mus musculus

<400> 1039
 ccactgaggc ccagtgaagc cagccttctc acgcccagtg agatgaccct ggaaacagac 60
 tgatgccaac ctgaatatat gaacttcttg tgtgatgtga atgaaaatat atcttggttca 120
 ctgagtttgc tataaaaaaa aaa 143

<210> 1040
 <211> 129
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(129)
 <223> n = A,T,C or G

<400> 1040
 gactgaggtg cgcgtgtcgn cgangccgnc ggtcggagcg attctcacgg nggaaggagc 60
 acgccaacag ggcttgactg cgtacagaca tgtgccctc aataaaattg cagttgaaat 120
 ggaaaaaaaa 129

<210> 1041
 <211> 213
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(213)
 <223> n = A,T,C or G

<400> 1041
 aataaatata aggccagagc tttggncatt ntttnccatt nagnctata cntgacgtan 60
 tcgttctctg nngagnntct cctngaagct agtatanggg acngncttgt acantgccaan 120
 gcagacattg taatccgagc tccagtcaga ttaaggccag nctggcctac attgaaaaac 180
 ctcatTTTTan ggaaagtga atactttgtc aat 213

<210> 1042
 <211> 135

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<212> DNA
<213> Mus musculus

<400> 1042
ccactgaggc ccagtgaagc cagccttcct acgcccagtg agatgaccct ggaaacagac      60
tgatgccaac ctgaatatat gaacttcttg tgtgatgtga atgaaaatat atcttgttca      120
ctgagaaaaa aaaaaa                                     135

<210> 1043
<211> 132
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(132)
<223> n = A,T,C or G

<400> 1043
actgggggca ggagtgcttt gcaaacagaa gacctgcagg aaatgccgag taatgacttg      60
tgttgggtca ccctccctgc tcccgtnntc ttttaaaaca aataaacaga atggaaacgc      120
ccacaaaaaa aa                                         132

<210> 1044
<211> 141
<212> DNA
<213> Mus musculus

<400> 1044
ccatctacca ctgaggccca gtgaagccag ccttcctacg cccagtgaga tgaccctgga      60
aacagactga tgccaacctg aatatatgaa cttctggtgt gatgtgaatg aaaatatatc      120
ttgttcactg aaaaaaaaaa a                               141

<210> 1045
<211> 336
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(336)
<223> n = A,T,C or G

<400> 1045
gctcagctga ggggcgtttn tagatcagaa tttcagtcca acgaanggta acattgnnct      60
tgngngnctt tccagacttc aagcnccaac tcaccaccna agattttacc gaaaacctta      120
gggccaataa atgtgaatgt tggnccccaa atgattataa gcacaccgca nagaattgcc      180
nattcaggaa nngttctgat tgggaatcca tatacccctg caccgcgaat ggtcactcag      240
actcacatag ctgaggctgc tggctgggtt cccagtgatn gaanccgagc tagagaattt      300
atagactctg ntttttcaga aagtaaacga agcaaa                               336

<210> 1046
<211> 106
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(106)
<223> n = A,T,C or G

<400> 1046
ggatggagtt tcagcaaagc ctgttcnttc agaagataaa gactgaacaa atgggaaaaat      60

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aatgtagaaa taanaaggga aagtgcacaga aatggaaaaa aaaaaa 106

<210> 1047
<211> 106
<212> DNA
<213> Mus musculus

<400> 1047
gcatgtggat ggagtttcag caaagcctgt tcattcagaa gataaagact gaacaaatgg 60
gaaaataatg tagaaataaa agggaaagtg acagaaatgg aaaaaa 106

<210> 1048
<211> 128
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(128)
<223> n = A,T,C or G

<400> 1048
tttgcctgcc aaagaaacac aagccttcct acgcccagng tgatgncctt ggnnacagac 60
tgatgccttc ctgaatgtat ggancctnccg gtgtgatgtg aatgaaaata tntcttgttt 120
actgaaaa 128

<210> 1049
<211> 110
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(110)
<223> n = A,T,C or G

<400> 1049
catgtggatg gagtttcagc aaagcctntt cattcagaag ataaagactg aacaaatggg 60
aaaataatgt agaaataaaa gggaaagtga cagaaatgga aaaaaaaaaa 110

<210> 1050
<211> 113
<212> DNA
<213> Mus musculus

<400> 1050
gaggctgtgg atggagtttc agcaaagcct gttcattcag aagataaaga ctgaacaaat 60
gggaaaataa tgtagaaata aaagggaaag tgacagaaat ggaaaaaaaa aaa 113

<210> 1051
<211> 102
<212> DNA
<213> Mus musculus

<400> 1051
ctggagtttc agcaaagcct gttcattcag aagataaaga ctgaacaaat gggaaaataa 60
tgtagaaata aaagggaaag tgacagaaat gaaaaaataa aa 102

<210> 1052
<211> 123
<212> DNA
<213> Mus musculus

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<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 1052
tggttgatgc aggcacctct ggtccaaaac tgtgtttcttc caagtgcctt gtctccttcc      60
agcataccac ctgagatgtc aaagnccacc atggttaaac atttcttgta gtcccttttg      120
cct                                          123

<210> 1053
<211> 123
<212> DNA
<213> Mus musculus

<400> 1053
tagttggatg aggcactctg gctccaaaact tgtttcttcc aagtgccttg tctccttcca      60
gcataccacc tgagatgtca aagtccacca tgggttaaaca tttcttgtag tcaaaaaaaaaa      120
aaa                                          123

<210> 1054
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 1054
acgtcacgta gtggaagcta tgcgaantta tttaaaagaa cgangggatc aaacagngct      60
cattcttcat gcanaagttg cacagaagtc ttacggaaat ganaaacgat ttttntgccc      120
tcctccttgt gtgtatctta tgggcagtgg ttggaaaaaa aaaaaa      165

<210> 1055
<211> 179
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(179)
<223> n = A,T,C or G

<400> 1055
tgaaaaagat gcccagactn gcaccaggnc acacagcaga cgcactaant ggatgcnnngn      60
actcnggntc naaacngtgn tcttncaagt gccctgtctc cttccagcat accactgaga      120
tgtcaaagtc caccatggtt aaacatttct tgtagtcctt tttgccttaa aaaaaaaaaa      179

<210> 1056
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 1056
gcacatctgg ctccaaactg tgtctcttnc aagtgccttg tctccttcca gcataccact      60
gaqatqtcaa aqtccaccat ggttaaacad ttcttgtagt cca                                          103

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<210> 1057
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 1057
tacaggcggc tgttccctgc ctgggatggc tactggganc tgantgaagc actnanacca 60
ntgagccgcc ctccagcnnc agtgattaac actagctgct cttccggagg accaagatna 120
tgnttccnag cacacacatg atggcctaca accttccatc aact 164

<210> 1058
<211> 124
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(124)
<223> n = A,T,C or G

<400> 1058
gacgttgccc aggccacaca gtggaggcac tagttggatg caggcnctc tggctccaaa 60
nngngatctt ccaagngccc ngtgtccttc cagcatacca ctgagangtc aaagtccacc 120
atgg 124

<210> 1059
<211> 163
<212> DNA
<213> Mus musculus

<400> 1059
aaaactgagc aggaggtggt ggagggaatg gatatctcta ctgctccaa agatcctgtc 60
tctacagaga aaacggcccc gaaacggaag ttccccagcc ctccacattc ctccaatggc 120
cattcgcccc aagactcatc cacgagcccc attaaaaaaaa aaa 163

<210> 1060
<211> 164
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(164)
<223> n = A,T,C or G

<400> 1060
ccgtgggggg ccggggagac agggagccga cacaggccac tgtctgcaga atggcagatt 60
atntggacat tgaacattgc aaaaccggat nagegtntct ggctttttat gccggcnnca 120
tcaataaaat actgctcatg cagtgtctacc tctaaaaaaaa aaaa 164

<210> 1061
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)



<223> n = A,T,C or G

<400> 1061
gtggcgtgca aactgtgttc ttccaagtgc cctgtctcct tccagcatac cactgagatg 60
tcaaagtcca ccatgagtta aacatttctt gnngtccctt ttgcctcaaa a 111

<210> 1062
<211> 164
<212> DNA
<213> Mus musculus

<400> 1062
actcacctag ggaagctatg ccgaaattat ttaaaagaac gaggggatca aacagtgtc 60
attcttcatg caaaagttgc acagaagtct tacggaaatg aaaaacgatt tttttgccct 120
cctccttggt tgtatcttat gggcagtggt tggaaaaaaa aaaa 164

<210> 1063
<211> 115
<212> DNA
<213> Mus musculus

<400> 1063
aaggcacgtg tgggtccaaa cgtgtgttct tccaagtgcc ctgtctcctt ccagcatacc 60
actgagatgt caaagtcaac catggttaaa catttcttgt agtcaaaaaa aaaa 115

<210> 1064
<211> 117
<212> DNA
<213> Mus musculus

<400> 1064
tgaaggacgt gtggcgtcca aacctgtgtt cttccaagtgc cctgtctctc ttccagcata 60
ccactgagat gtcaaagtcc accatgggta aacatttctt gtagtcaaaa aaaaaa 117

<210> 1065
<211> 113
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(113)
<223> n = A,T,C or G

<400> 1065
tggcgtccaa acgtgngttc ttccaagtgc cctgnctcct tccagcatac cactgagatg 60
tcaaagtcca ccatgggtta acatttcttt tagtcccttt tgccctcaaaa aaa 113

<210> 1066
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 1066
ttgctgtctc agttgatgtg cttgcctgct gtgggtgcctc cctaccagga cagactcttg 60
tgctttnggg accataagcc aaataaacc ttccttccat aaaaa 105

<210> 1067



<211> 117
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(117)
<223> n = A,T,C or G

<400> 1067
ggtcagacag tgaagctgng gatggagttt cagctccgc ctgttcattc agaagataaa 60
gactgaacaa atgggaaaat aatgtagaaa taaaaggga agtgacagaa aaaaaaa 117

<210> 1068
<211> 108
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(108)
<223> n = A,T,C or G

<400> 1068
tgtggatgga gtttcagcaa agcctgttca ttcagaagat aaagactgaa caaatgggan 60
aataatgtag aaataaaagg gaangtgaca gaaatggaaa aaaaaaa 108

<210> 1069
<211> 136
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(136)
<223> n = A,T,C or G

<400> 1069
gtggagaggc tctgaagagn agacantgaa gctgtggatg gagtttcagc aaagcctgtt 60
cattcagaag ataaagactg aacaaatggg aaaataatgt agaaataaaa gggaaagtga 120
cagaaatgaa aaaaaa 136

<210> 1070
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 1070
tgcctgtgga tggagtttca gcacancctg ttcattcaga agataaagac tgaacanntg 60
ggaaaataat gtanaaataa aagggaagt gacagaaatg gaaaaaaaaa c 111

<210> 1071
<211> 111
<212> DNA
<213> Mus musculus

<400> 1071
tgaggcgtgt gggttgagtt tctgcaaagc ctgttcattc agaagataaa gactgaacaa 60

05680711.061304



atgggaaaat aatgtagaaa taaaagggaa agtgacagaa atggaaaaaa a 111

<210> 1072
<211> 120
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G

<400> 1072
aagatgagac aatgaagcnt gtggatggag tttcagcana gcctgttcat tcagaagata 60
aagactganc aaatgggaaa ataatgtata antaaaaggg aaagtgacag aaatggagaa 120

<210> 1073
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 1073
aactggggcc tgtggntgga gtttcagcaa agcctgttca ttcagaagat aaagactgan 60
caaatgggaa aataatgtag aaataaaaagg gaaagtgaca ga 102

<210> 1074
<211> 155
<212> DNA
<213> Mus musculus

<400> 1074
ttgctgagtg gagaggTTTT gaagaggaga gaatgaagct gtggatggag tttcagcaaa 60
gcctgttcat tcagaagata aagactgaac aaatgggaaa ataatgtaga aataaaaaggg 120
aaagtgacag aaatggagaa agggaaaaaa aaaaa 155

<210> 1075
<211> 256
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(256)
<223> n = A,T,C or G

<400> 1075
attagaagtt taggtcaaca aaaggtaaca tttcaccttg ttgcctttcc agtttcaagc 60
accaactcac caacaaagat tttaccgaaa accttagggc caataaatgt gaatgttgga 120
ccccaatga ttataagcac acccgagag aattgccaat tcagganggg ttctgattgg 180
gaatccatat acccctgcac nngcaanggt cactcanact cacatagctg aggctnngtg 240
gctgggttcc cagtag 256

<210> 1076
<211> 107
<212> DNA
<213> Mus musculus

<400> 1076

ctgctccagt cgtgtgtgctt gctgtgtgtg gtgcctccct accaggacag actcttgtgc 60
 ttttggaacc ataagccaaa taaacccttc cttccataaa aaaaaaa 107

<210> 1077
 <211> 101
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(101)
 <223> n = A,T,C or G

<400> 1077
 ttgctgctcc agtccatgtg cttgcctgct gtgggtgcctc cctaccagga cagactcttg 60
 tgctttngga accataagcc aaataaacc ttccttccat a 101

<210> 1078
 <211> 109
 <212> DNA
 <213> Mus musculus

<400> 1078
 ctgctccagt cgcattgtgcc ttgcctgctg tgggtgcctc ctaccagaac agactcttgt 60
 gctttgggaa ccataagcca aataaaccct tccttccata aaaaaaaaa 109

<210> 1079
 <211> 156
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(156)
 <223> n = A,T,C or G

<400> 1079
 ctcaatgaga gatggctaag cagttaagtg tgcataccaa taccngngga agaaccata 60
 tcggacagct tcacaattgc ctgtaattctg agntccagng ggctctgaca cctnnttttn 120
 tctganngac aatggtactc acataatacc tacatt 156

<210> 1080
 <211> 110
 <212> DNA
 <213> Mus musculus

<400> 1080
 ttgctgctcc agtcgctgtg cttgcctgct gtgggtgcctc cctaccagga cagactcttg 60
 tgcttttggga accataagcc aaataaacc ttccttccat aaaaaaaaaa 110

<210> 1081
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 1081
 ttgctgctcc agtcagctgt gcttgctgct tgtgggtgcct ccctaccagg acagactcnt 60
 gtgcttttgg aaccataagc caataaacc cttccttcca taaaaaaaaa a 111

<210> 1082
<211> 109
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(109)
<223> n = A,T,C or G

<400> 1082
tgctgctcca gtcgctgtgc ttgcctgctg tggcgcctcc ctaccaggac agactcttgg 60
gcntttggaa ccataagcca aataaaccct tccttcata aaaaaaaaaa 109

<210> 1083
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 1083
ttgctgctcc agtcnttgt gcttgctgct tgtggtgcct ccctaccagg acagactctt 60
gggcttttgg aaccataagc caaataaacc cttccttcca taagaaaaaa aa 112

<210> 1084
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(103)
<223> n = A,T,C or G

<400> 1084
gcttgctgct ccagtcggtg ngetngcctg ctgtggtgcc tccctaccag gacagactct 60
tgggcttttg gaaccataag ccaaataaac ccttccttcc ata 103

<210> 1085
<211> 112
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(112)
<223> n = A,T,C or G

<400> 1085
gcttgctgct ccagtcnctg tgccttgctg ctgtggtgcc tccctaccag gacagactct 60
tgncttttgg gaaccataag ccaaataaac ccttccttcc ataaaaaaaa aa 112

<210> 1086
<211> 103
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

```

<222> (1)...(103)
<223> n = A,T,C or G

<400> 1086
tgctgctcca gtcgctgtgc ttgcctgctg tgntgcctcc ctaccaggac agactcttgt      60
gcttttggaa ccataagcca aataaaccct tccttccata aaa                          103

<210> 1087
<211> 109
<212> DNA
<213> Mus musculus

<400> 1087
tgctgctcca gtcgctgtgc ttgcctgctg tggcgcctcc ctaccaggac agactcttgt      60
gcttttggaa ccataagcca aataaaccct tccttccata aaaaaaaaaa                  109

<210> 1088
<211> 101
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(101)
<223> n = A,T,C or G

<400> 1088
catgtgggcc cctgttctgg cagatggaaa tcancctcac ctncctggggg acaggctgcc      60
catctcgttg ataaattgac tatgccaata aattaacatg g                               101

<210> 1089
<211> 189
<212> DNA
<213> Mus musculus

<400> 1089
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata      60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtcc        120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta      180
aaaaaaaaaa                                     189

<210> 1090
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 1090
tgtcctcaac ttgctgagtg gagaggtttt gaangangaga gaatgaggct gtggatggag      60
tttcancaaa ncctgttcat tcagaagata aagactgaac aaatgggaaa ataatgtaga      120
aataaaaggg aaagtgcacat gaaatg                                     146

<210> 1091
<211> 143
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

```



<222> (1)...(143)

<223> n = A,T,C or G

<400> 1091

```
cggcttgacc aggccaccct nnccgnaggc cctactggga tgcnggcant ctggctccga      60
actgtgtgtc ttccaagtgc cctgtctcct tccagcatac cactganatg tcaaagncca      120
ccatggtcta aacatttctt gta                                              143
```

<210> 1092

<211> 111

<212> DNA

<213> Mus musculus

<400> 1092

```
agaatggcag attatttggga cattgaacat tggaaaacgg agagctttct ggctttttat      60
gcggtctcat caataaaata ctgctcagcg tgctacctct aaaaaaaaaa a              111
```

<210> 1093

<211> 272

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(272)

<223> n = A,T,C or G

<400> 1093

```
atgatgacac tgccctgcan tctgcccctg ccgagagtct gacctgtctt cctgagagat      60
tcttgataaa ctgccagcct ggcagcctgg aatgactcca ggcaccaaga gtggaactgg      120
cgacttactg ctaacggctc tggcgggacta gtgctaacan tgtggcaaca aaacatcaag      180
aagcctggnn atggcaaggg gatgggggctt ccccccttt tataangcac agactggcta      240
gtaaacattt gagccctttg aaaaaaaaaa aa                                  272
```

<210> 1094

<211> 128

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(128)

<223> n = A,T,C or G

<400> 1094

```
gactgaggga tttatcaaag atgtcccgga gnntccctca cagttgtttt tgaaaataat      60
tggcaaccag aacgccaggt tccgtttaat gaagtgcgat taccaccacc acctgatata      120
aaaaaaaaa                                              128
```

<210> 1095

<211> 132

<212> DNA

<213> Mus musculus

<400> 1095

```
gactgagggt tgagctctct gcttgctgct ccagtcgctg tgcttgccctg ctgtgggtgcc      60
tccctaccag gacagactct tgtgcttttg gaaccataag ccaaataaac ccttccttcc      120
ataaaaaaaaa aa                                              132
```

<210> 1096

<211> 110

<212> DNA

<213> Mus musculus

<210> 1101
 <211> 308
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(308)
 <223> n = A,T,C or G

<400> 1101
 ggcgtgcatc accaacaac antggaanna ttttgganca gctgaccac tcaggaccta 60
 aacatggcct taggnggtg cncgtgccac ccacgtccgn ataccccccac agccctgnag 120
 caaaggtgga ggacatcagc cgcacagact gnctatatcc acgtgggtct caggcttaat 180
 tgcagcccag ggcagcagca tggaccacag ataccaacgt ggcatcacag accaccatgg 240
 aggaggcct cctctctggc ctctgtcgtt gactagagcc aggggaagcc tgtgtaaact 300
 ccaggtctg 308

<210> 1102
 <211> 135
 <212> DNA
 <213> Mus musculus

<400> 1102
 gagtactgag gtgtgagctc tctgcttget gctccagtcg ctgtgcttgc ctgctgtggt 60
 gcctccctac caggacagac tcttgtgctt ttggaacct aagccaaata aacccttct 120
 tccataaaaa aaaaa 135

<210> 1103
 <211> 190
 <212> DNA
 <213> Mus musculus

<400> 1103
 tggagcttgg cttgaagaag gaaataaaac ctggagcagg aggtggtgga gggaatggat 60
 atcttactc gctccaaaga tctgtctct acagagaaaa cggccccgaa acggaagttc 120
 cccagccctc cacattctc caatggccat tcgcccacag actcatccac gagccccatt 180
 aaaaaaaaaa 190

<210> 1104
 <211> 209
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(209)
 <223> n = A,T,C or G

<400> 1104
 aactgagtgt caggattgaa tctggactct gctggtgtgg agcagttctg tcatgtctcc 60
 agcagagggc gcattctgca ttcttcagaa cctcaagang ctcaagtgtg gcagaccttg 120
 agaaactggg ctaccctttg aagaggagag atgcagtctt ttcagttcaa ttaatttaaa 180
 ggtctatatt aaaaagccaa aaaaaaaaaa 209

<210> 1105
 <211> 187
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(187)

[illegible]

```
<210> 1106
<211> 117
<212> DNA
<213> Mus musculus
```

```
<400> 1106
gactgagatc ctgtctctac agagtaaacg gccccgaacg gaagttcccc agccctncac      60
attcctccaa tggccattcg ccccaagact catccacgag ccccatataa aaaaaaaa     117
```

```
<210> 1107
<211> 120
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(120)
<223> n = A,T,C or G
```

<400> 1107
gacaactgcc ctagagntct gccctgccg agagtctgan cctgtcttcc tgagagatnn 60
ctgaatanac tgccancctg qcagcctgga atgactccan gcnccaagag tggaaaaaaa 120

```
<210> 1108
<211> 121
<212> DNA
<213> Mus musculus
```

```
<220>
<221> misc_feature
<222> (1)...(121)
<223> n = A,T,C or G
```

```
<400> 1108
actgccctga gtttctgcca cctgccgaga gtctgaacct gtcttcctga gagattcctg      60
aataaaactgc cagcctggca gcctggantg actccaggca ccaagagtgg aaaaataaaa      120
a                                                    121
```

```
<210> 1109
<211> 150
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(150)  
<223> n = A,T,C or G
```

214



acntactgct aacggctctg gcggactant gctaacanng tggcancaaa acatcaagaa 120
gcctgggnatg gcaggggatg ggcttcccc 150

<210> 1110
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 1110
ctggagtgc tccaggcacc aagagtggaa ctggcnacht actgctaacg gntctggcgn 60
actattgcta acaatgnggc aacanaccat cangaagcct ggcatggcag g 111

<210> 1111
<211> 220
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(220)
<223> n = A,T,C or G

<400> 1111
actgagagac aactgccttg agattntncc cctgccgaga gtctgaacct gtcttntctga 60
nagattcctg aataaactgc cagcctggca gcctggaatg actccaggca ccaagagtgg 120
aactggcgac ttactgctaa ccggtctctg cggtactagt ctaacantgn ggcnaaaaa 180
catcaagaag cctggcatgg caggggatgg gccttcccc 220

<210> 1112
<211> 104
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(104)
<223> n = A,T,C or G

<400> 1112
ggatctgccc tctgccgagg agtctgaacc tgtcttgctg agcagatncc tgantaaact 60
gccagcctgg ctgntctggaa tgactccagg caccaagagt ggaa 104

<210> 1113
<211> 157
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 1113
tctgccacct gccgagtgt ctgaacctgn cttcntgaga gattcctgaa tnaactgcc 60
ncctgncagc ctgnaatgac tccaggcacc aanagtggaa ctggctgact tactgntaac 120
ngctctggcg gactantgct aacaatgtgg caacaaa 157

<210> 1114

<211> 226
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(226)
<223> n = A,T,C or G

<400> 1114
gactgagtga caactgccct gagcattctg ccctgccga gtagcctgaa cctgtcttcc 60
tgagagattc ctgaataaac ngccagcctg gcagcctgga atgactccag gcaccaagag 120
tggaactggc gacttactgc taacggctct ggcggactag tgctaacaat gtggcaacaa 180
aacatnaaga agcctggcat ggcaggggat gggcttcccc ctttat 226

<210> 1115
<211> 123
<212> DNA
<213> Mus musculus

<400> 1115
gactgagtga caactgccct gagatctgcc acctgccgag agcctgaacc tgtcttcctg 60
agagattcct gaataaaactg ccagcctggc agcctggaat gactccaggc accaagagtg 120
aaa 123

<210> 1116
<211> 153
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(153)
<223> n = A,T,C or G

<400> 1116
caaaattgaa gaagcanaga caaaggagag agagaaaaag aagcataaag taatgagtga 60
gatcaagaaa gaaaatggag atgtaaagat ttactgaaa agtgggaagg agaaaccaa 120
aacaatatata gaagacttac aaattaaaaa agt 153

<210> 1117
<211> 138
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(138)
<223> n = A,T,C or G

<400> 1117
caaaggagag agagannaag aagcatacag taatgagtga gatcaagaaa gaaaatggng 60
atgtaaagat ttactgaaa agtgggaagg agaaaccaa aacaatatata gaagacttac 120
aaattaaaaa agtaaaaa 138

<210> 1118
<211> 170
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(170)

<223> n = A,T,C or G

<400> 1118

ctaaaaatcaa	tgcacaaaaat	taatgcanaa	agacaataga	gagaagagaa	aaagtangct	60
tnnnagtnct	gagtgagatc	aagaaagana	atggagatgt	aaagatttta	ctgaaaagtg	120
ggaaggagaa	accaaaaatca	attatagaag	acttacctaa	ttaaaaaagt		170

<210> 1119

<211> 164

<212> DNA

<213> Mus musculus

<400> 1119

agcctcgtgt	caccttaaaa	agaaagacaa	agagagagag	aaaaagaagc	ataaagtaat	60
gagtgagatc	aagaaagaaa	atggagatgt	aaagatttta	ctgaaagggtg	ggaaggagaa	120
accaaaaaca	aatatagaag	acttacaaat	taaaaaagta	aaaa		164

<210> 1120

<211> 180

<212> DNA

<213> Mus musculus

<400> 1120

actgagaaaa	atcaaagaca	aaatttaaaga	gaaagacaaa	gagagagaga	aaaagaagca	60
taaagtaatg	agtgagatca	agaaagaaaa	tggagatgta	aagattttac	tgaaaagtgg	120
gaaggagaaa	ccaaaaacaa	atatagaaga	cttacaaatt	aaaaaagtaa	agaaaaaaaa	180

<210> 1121

<211> 160

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(160)

<223> n = A,T,C or G

<400> 1121

cacaaactta	aagagaaaagc	acaaagagag	aagagaaaaa	gaagcctang	agtantgagt	60
gagatcaaga	aagaaaaatgg	agatgtaaaag	attttactga	aaagtgggaa	ggagaaacca	120
aaaacaaata	tagangactt	acaaattaaa	aaagtaaaaa			160

<210> 1122

<211> 187

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(187)

<223> n = A,T,C or G

<400> 1122

gactgagata	aaatcaaagn	acanaattaa	agnagcaaag	acaaaggaga	gagagaaaaa	60
gaagcataca	gtaaatgagt	gagatcaaga	aaganaangg	agatgtaaaag	attttactga	120
aaagtgggaa	ggagaaacca	aaaacaaata	tagaagactt	acaaattaaa	aaagtaaaga	180
aaaaaaa						187

<210> 1123

<211> 182

<212> DNA

<213> Mus musculus



<400> 1123
actgagataa aatcaaagac aaaattaaag agaaagacaa agagagagag aaaaagaagc 60
ataaagtaat gagtgagatc aagaaagaaa atggagatgt aaagatttta ctgaaaagtg 120
ggaaggagaa accaaaaaca aatatagaag acttacaaat tataaaaagta aggaaaaaaa 180
aa 182

<210> 1124
<211> 118
<212> DNA
<213> Mus musculus

<400> 1124
gactgagatc ctgtctctac agagaaacgg ccccgaaacgg aagttcccca gccctccaca 60
ttcctccaat gggccattcg cccaagact catccactga gccccattaa aaaaaaaa 118

<210> 1125
<211> 107
<212> DNA
<213> Mus musculus

<400> 1125
cctgtctctc agagaaaacg gccccgaacg gaagttcccc agccctccac attcctccaa 60
tggccattcg cccaagact catccacgag ccccatataa aaaaaaa 107

<210> 1126
<211> 167
<212> DNA
<213> Mus musculus

<400> 1126
aagacaaaat taaagagaaa gacaaagaga gagagaaaaa gaagcataaa gtaatgagtg 60
agatcaagaa agaaaatgga gatgtaaaga ttttactgaa aagtgggaag gagaaaccaa 120
aaacaaatat agaagactta caaattaaaa aagtaaagta aaaaaaa 167

<210> 1127
<211> 131
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(131)
<223> n = A,T,C or G

<400> 1127
aaagaagcat aacagtnntg agtgagatca agaaagaaaa tggagatgta aagattttac 60
tgaaaagtgg gaaggagaaa ccaaaaacaa atatagaaga cttacaaatt aaaaaagtaa 120
agaagaaaaa a 131

<210> 1128
<211> 188
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(188)
<223> n = A,T,C or G

<400> 1128
agcactgagg tctatcatcg ncttaattaa agagaaagac aaagcagtag gagagaagan 60
nntncatnnc agtantgagt gagatcaaga aagaaaatgg agatgtaaag attttactga 120
atagtgggaa ggagaaacca aaaacaaata tagaagactt acaaattaaa aaagtaaaga 180

188

```
<220>  
<221> misc_feature  
<222> (1)...(181)  
<223> n = A,T,C or G
```

```
<210> 1130
<211> 183
<212> DNA
<213> Mus musculus
```

```
<220>  
<221> misc_feature  
<222> (1)...(183)  
<223> n = A,T,C or G
```

```
<210> 1131
<211> 170
<212> DNA
<213> Mus musculus
```

```
<400> 1131
aaagacaaaa ttaaagagga aagacaaagc agcagagaga aaaagaagca taaagtaatg      60
agtgagatca agaaagaaaa tgggagatgta cagattttac tgaaaagtgg gaaggagaaa    120
ccaaaaacaa atatagaaga cttacaaatt aaaaaagtaa agaaaaaaaaa    170
```

```
<210> 1132
<211> 143
<212> DNA
<213> Mus musculus
```

```
<400> 1132
gaaagacaaa gagagagaga aaaagaagca taaagtaatg agtgagatca agaaagaaaa      60
tgagatgta aagattttac tgaaaagtgg gaaggagaaa ccaaaaacaa atatagaaga      120
cttacaaatt aaaaaaqttaa aaa                                     143
```

```
<210> 1133
<211> 167
<212> DNA
<213> Mus musculus
```

```
<400> 1133
gagataaatc aaagacaaaa ttaagagca aagacaaagc agagagagaa aaagaagcat    60
aaagtaatga gtgagatcaa gaaagaaaaat ggagatgtaa agattttact gaaaagtggg    120
qaggagaaac caaaaacaaa tataqaagac ttacaaatta aaaaaaa          167
```


<210> 1134
 <211> 157
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

<400> 1134
 aatcaagaca aaattaaaga gaaagncaaa gagagagana aaaggaagca taaagtaatg 60
 agtgagatca agaaagaaaa tggagatgta aagatnttac tgaaaagtgg gaaggagaaa 120
 ccaaaaacaa atatagaaga cttacaaatt aaaaaag 157

<210> 1135
 <211> 176
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(176)
 <223> n = A,T,C or G

<400> 1135
 gactgagata aaatcaaaga caaaattaaa gagaaagaca aaggagagag agaaaaagaa 60
 gcataaagta atgagtgaga tcaagaaaaga aaatggagat gtaaagattt tnttgaaaag 120
 tgggaaggag aaaccaaaaa caaatataga agacttacaa attaaaaaag taaaaa 176

<210> 1136
 <211> 167
 <212> DNA
 <213> Mus musculus

<400> 1136
 ataatcaaag acaaaattaa agagttaaaga caaagagaga gagaaaaaga agcataaagt 60
 aatgagtgag atcaagaaag aaaatggaga tgtaaagatt ttactgaaaa gtgggaagga 120
 gaaaccaaaa acaaatatag aagacttaca aattaaaaaa gtaaaaa 167

<210> 1137
 <211> 183
 <212> DNA
 <213> Mus musculus

<400> 1137
 gaactgagat aaaatcaaag acaaaattaa agagaaagac aaagagagag agaaaaagaa 60
 gcataaagta atgagtgaga tcaagaaaaga aaatggagat gtaaagattt tactgaaaag 120
 tgggaaggag aaaccaaaaa caaatataga agacttacaa attaaaaaag tataaaaaaa 180
 aaa 183

<210> 1138
 <211> 183
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(183)
 <223> n = A,T,C or G

<400> 1138
 gactgagata aaatcaaaga caaaattaaa gagaaagact aagagagaga gaaaaagaag 60



cataaaagtaa tgagtggagat caagaaagaa aatggagatg taaagatttt actgaaaagt 120
gggaaggaga aaccaaaaac aaatatagna gncttacaaa ttaaaaaagt aaagaagaaa 180
aaa 183

<210> 1139
<211> 165
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(165)
<223> n = A,T,C or G

<400> 1139
atcaaagaca aaattaaagg ganagacaaa ggagaagaga gaaaaagaag cttaaantna 60
tgancganat caagaaagaa antggagatg taaagatttt actgaaaagt gggaaggaga 120
aaccaaaaac aaatatagaa gacttacaaa ttaaaaaagt aaaaa 165

<210> 1140
<211> 185
<212> DNA
<213> Mus musculus

<400> 1140
gactgagata aaatcaaaga caaaattaaa gcagaaagac aaagcagaga gagaaaaaga 60
agcataaagt aatgagtggag atcaagaaag aaaatggaga tgtaaagatt ttactgaaaa 120
gtgggaagga gaaacaaaaa acaaatatag aagacttaca aattaaaaaa gtaaagaaga 180
aaaaa 185

<210> 1141
<211> 170
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 1141
gactgagata aaatcaaagt acaaaattaa agagaaagac aaagcagaga gaaaaagaan 60
catatagtna tgagtggagat cangaaagaa aatggngatg tgtagatttt actgnnaagt 120
gggaaggaga aaccncaaac acatatanaa gacttacaca ttaaaaaaaa 170

<210> 1142
<211> 111
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(111)
<223> n = A,T,C or G

<400> 1142
gactgagatc ctgtctctac agnagaaaaac ggacccgaac ggaagttccc cagccctcca 60
cattcctcca atggccattc gccccgaaga ctcatccacg agccccatta a 111

<210> 1143
<211> 157
<212> DNA
<213> Mus musculus

```

<220>
<221> misc_feature
<222> (1)...(157)
<223> n = A,T,C or G

<400> 1143
agactgaggc tgagaggaga tcccagcntg ctttactca caagatctgg cagccagagc      60
cccgagtccc ccaagcccag tgagcagttc aaatataaaa ccgcacataa caagaaaagt      120
gaagcaccat gaaactcttg ttgattaaa aaaaaaa      157

<210> 1144
<211> 189
<212> DNA
<213> Mus musculus

<400> 1144
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata      60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cygaagtctc      120
ccagccctcc acattcctcc aatggccatt cgccccaaga ctcatccacg agccccatta      180
aaaaaaaaa      189

<210> 1145
<211> 201
<212> DNA
<213> Mus musculus

<400> 1145
gtctggggag ctctgcatt aagtcagact gagataaaat caaagacaaa attaaagaga      60
aagacaaaaga gagagagaaa acgaagcata aagtaatgag tgagatcaag aaagaaaatg      120
gagatgtaaa gattttactg aaaagtggga aggagaaacc aaaaacaaat atagaagact      180
tacaaattaa aaaagtaaaa a      201

<210> 1146
<211> 212
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(212)
<223> n = A,T,C or G

<400> 1146
gacgtctggg gagctcctgc attaatgcag actgagntag aatcanagac anaattaagg      60
gcangncnna gnntatagag anaaagangc ataacgttnt gagtgagatc aagaatagaa      120
aatggagatg taaagatttt actgagaagt gggaaggaga aacccaaaaac aaatatagaa      180
gacttacaaa ttaaaaagta aagaagaaaa aa      212

<210> 1147
<211> 319
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(319)
<223> n = A,T,C or G

<400> 1147
gacgtctggg gagctcctgc attaatgcag actgagntaa aatcaaagac aaaattaaag      60
agaaagacaa agagagagag aaaaagaagc ataaagtaat gagtgagatc aagaaagaaa      120
atggagatgt aaagatttta ctgaaaagta agttatattg agtgaatgtt ttctacattg      180
catactatcc tgtatatatta ttagccaagc tgtaaataa agaagtgtta cttgatacca      240

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atatttgcta agagtaatta tgctgtgagt gcagagcaag tccaggggtt gggaattgta 300
atctgcgtgg gactgtgct 319

<210> 1148
<211> 168
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(168)
<223> n = A,T,C or G

<400> 1148
ctaaaatcaa agacaaaatt aaagagaaag acaaanagag agagnaaaag aagcataaag 60
taatgagtga gatcaagaaa gaaaatggag atgtaaagat ttactgaaa agtgggaag 120
agaaaccaa aacaaatata gaagacttac aaattaaaaa agtaaaaa 168

<210> 1149
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 1149
aaagacaaag ttttgagaaa gacatccaga gagagannna gangcataga gnaatgagt 60
agatcaagaa agaaaacgga gatgtaaaga tttactgaa aagtgggaag gagaaaccaa 120
aaacaaatat agaagactta caaatt 146

<210> 1150
<211> 158
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(158)
<223> n = A,T,C or G

<400> 1150
ataaaaatcaa agacaaaatt aaagagaaag acaanntaga gagagaaagg gaagcataaa 60
gtaatgagt agatcaagaa aggaaatgga gatgtaaaga ttataactga aaagtgggaa 120
ggagaaacca aaaaacaaata tagaagactt acaatta 158

<210> 1151
<211> 142
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(142)
<223> n = A,T,C or G

<400> 1151
aaagacaagg agagagngga aangaagcat aaagtaatga gtgagatcaa ganagaaaat 60
ggagatgtan agattttact gaaaagtggg aaggagaaac caaaaacaaa tataggagac 120
ttacaaatta aaaaagtaaa ga 142



<210> 1152
<211> 146
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(146)
<223> n = A,T,C or G

<400> 1152
gagaaagaca aagagngaga ganaggaagc cntttgtaat gaggtagatc aagaaagaaa 60
atggagatgt aaagatttta ctgaaaagtg ggaaggagaa accannntca aatatagaag 120
acttacaaat taaaaaagta gaaaaa 146

<210> 1153
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 1153
ataatatcaa agccanaatt aaagagaang acaangagag agagaanang aagcntaaag 60
taatgagtga gatcaagaaa gaaaatggag atgtaaagat ttactgaaa aggtgggang 120
gagaaaccaa aaacaaatat naggagactt acaaatttaa aaaagta 167

<210> 1154
<211> 167
<212> DNA
<213> Mus musculus

<400> 1154
ataaatcaag acaagattaa agagaaagac aaagagagag agaaaaagaa gcataaagta 60
atgagtgaga tcaagaaaga aaatggagat gtaaagattt tactgaaaag tgggaaggag 120
aaacaaaaaa caaatataga agacttacaa attaaaaaag taaagaa 167

<210> 1155
<211> 145
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(145)
<223> n = A,T,C or G

<400> 1155
tcaaagacaa aattaaagag aaagacaang agagagagaa anngangcat aaagtaatga 60
gtgagatcaa gaanganntt ggagatgtga agattttact gaaaagtggg aaggagaaac 120
caaaancana tatagaagac ttaca 145

<210> 1156
<211> 147
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(147)

<223> n = A,T,C or G

<400> 1156
aatcaaagac aaaattaang agaaagacaa agagagagag aagggangcg tnaagtantg 60
agtgagatca acanaganaa tggagatgta aagattttac tgaaaagtgg gaaggagaaa 120
ccaaaaacaa atatagaaga cttacaa 147

<210> 1157
<211> 105
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(105)
<223> n = A,T,C or G

<400> 1157
gacaaagtga gagagaaann ganacataaa gtaatgagtg agatcaagaa agannntgga 60
gatgtanaga ttttactgaa aagtggggaag gagaaaccaa aaaca 105

<210> 1158
<211> 168
<212> DNA
<213> Mus musculus

<400> 1158
ataaaatcaa agacaaaatt aaagagaaaag acaaagagag agagaaaaag aagcaaaaag 60
taatgagtaa gatcaagaaa gaaaatggag atgtaaagat tttactgaaa agtgggaagg 120
agaaaccaa aacaaatata gaagacttac aaattaaaaa agtaaaaa 168

<210> 1159
<211> 167
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(167)
<223> n = A,T,C or G

<400> 1159
cataaaatca aagacaaaat taaagagaaa gacaaagaga gagagaaaaa gaagcataaa 60
gtaatgagtg agatcangaa agaaaangga gatgtaaaga ttttactgaa aagtggggaag 120
gagaaaccaa aaacaaatat agaagactta caaatataaa aagtaaa 167

<210> 1160
<211> 168
<212> DNA
<213> Mus musculus

<400> 1160
gtaaaatcaa agacaaaatt aaagaggaag acaaagagag agagaaaaag atgcataaag 60
taatgagtga gatcaagaaa gaaaatgggg atgtaaagat tttactgaaa agtgggaagg 120
agaaaccaa aacaaatata gaagacttac aaattaaaaa agtaaaaa 168

<210> 1161
<211> 192
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature

<222> (1)...(192)

<223> n = A,T,C or G

<400> 1161

gagctcctgc	ttaagtcaga	ctgagntaaa	tcaaagacaa	acttancgag	aatgacanag	60
agagagagaa	nangaagcat	aaagtaatga	gtgagatcaa	gaaagaaaat	ggagatgtaa	120
agattttact	gaaaagtggg	aaggagaaac	caaanacaaa	tatagaagac	ttacaaatta	180
aaaaagtaaa	aa					192

<210> 1162

<211> 175

<212> DNA

<213> Mus musculus

<400> 1162

taaaatcaaa	gacaaaatta	aagagaaaaga	caaagagaga	gagaaaaaga	agcataaagt	60
aatgagtgag	atcaagaaaag	aaaatggaga	tgtagagatt	ttactgaaaa	gtgggaagga	120
gaaacaaaa	acaaatatag	aagacttaca	aattaaaaaa	gtaaagaaga	aaaaa	175

<210> 1163

<211> 154

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(154)

<223> n = A,T,C or G

<400> 1163

tctggggagc	tcctgcatta	agtcagactg	aggtaaaatc	aaagacaaaa	ttaaagagaa	60
agacanagag	agagagaaaa	tgaagcataa	agtnatgagt	gagatcaaga	aagaaaatgg	120
agatgtaaag	attttactgc	aagtgggaag	gaga			154

<210> 1164

<211> 154

<212> DNA

<213> Mus musculus

<400> 1164

gcgaaatgac	aaagagagag	agaaaaagaa	gcataaagta	atgagtgaga	tcaagaaaga	60
aaatggagat	gtaaagattt	tactgaaaag	tggggaggag	aaacccaaaa	caaatataga	120
agacttacia	attaaaaaag	taacagaaaa	aaaa			154

<210> 1165

<211> 201

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(201)

<223> n = A,T,C or G

<400> 1165

tctggggagc	tcctgcattt	agtcagactg	agntaaaatc	aaagacaaaa	ttaaagagaa	60
agacaaagag	agagagaaaa	ngaagcataa	agtaatgagt	gagatcaaga	aagaaaatgg	120
agatgtaaag	attttacttg	aaaagtggga	aggagaaacc	aaaaacaaat	atagaagact	180
tacaaattaa	aaaagtaaaa	a				201

<210> 1166

<211> 175

<212> DNA



<213> Mus musculus

<400> 1166

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ctaaaaatcaa agacaaaatt aaagagaaaag acaaagagag agaggaaaag aagcataaag      60
taatgagtga gatcaagaaa gaaaatggag atgtaaagat ttactgaaa agtgggaagg      120
agaaaccaa aacaaatata gaagacttac aaattaaata agtaaagaaa aaaaa      175
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<210> 1167

<211> 172

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(172)

<223> n = A,T,C or G

<400> 1167

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aatcaaagac aaaattaaag agaangacaa agagagagag aaaaagaagc atagagtaat      60
nagtgaatc aagaaagaaa atggagatgt aaagatttta ctgaaaagt ggaaggagaa      120
acaaaaaaca aatatagaag acttactaan ttaaagagat aaataaaaaa aa      172
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<210> 1168

<211> 199

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(199)

<223> n = A,T,C or G

<400> 1168

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gcgtctgggg agctcctgca ttagtcagac tgaggtagan tcaangtcn aattaaagng      60
aatgacncag agagagagaa tngagaggcn taatgtaatg agtgagatca anaaagaaaa      120
tgagagatgta aagattttac tngaaancgt ggnanggaga aaccaaangc aactatngta      180
agacttacaa attacgaac      199
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<210> 1169

<211> 160

<212> DNA

<213> Mus musculus

<400> 1169

```
ccttaaagag aaagacaaaag agagagagaa aaagaagcat aaagtaatga gtgagatcaa      60
gaaagaaaat ggggatgtaa agattttact gaaaagtggg aaggagaaac caaaaacaaa      120
tatagaagac ttacaaatta aaaaagtaaa gaagaaaaaa      160
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<210> 1170

<211> 185

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(185)

<223> n = A,T,C or G

<400> 1170

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gtgacctcct gcttaagtca gactgagnna aatcaangac aaaattaaag agaaagacaa      60
agagagagag aaaangaagc ntaaagtaat gagtgagatc aagaaagaaa atggagatgt      120
aaagatttta ctgaaaagt ggaaggagaa accaaaaaca aatatagaag acttacaaat      180
taaaa      185
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<210> 1171
<211> 170
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 1171
ctggataaat caagacaaaa ttaaagagaa agacaaagag agagagaaaa agaagcataa 60
agnaagtgagt gagatcaaga aagaaaatgg agatgtaaag attctactga aaagtgggaa 120
ggagaaacca aaaacaaata tagaagactt acaaattaaa aaagtaaaaa 170

<210> 1172
<211> 168
<212> DNA
<213> Mus musculus

<400> 1172
ataaaatcaa agacaaaatt aaagagaaag acaaagagag agagaaaaag aagcataaag 60
taatgagtga gatcaagaaa gaaaatggag atgtaaagat ttactgaaa agtgggaagg 120
agaaacccaaa aacaaatata gaagacttac aaattaaaaa agtaaaaa 168

<210> 1173
<211> 177
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(177)
<223> n = A,T,C or G

<400> 1173
gacgtctggg gagctcctgc attaagtcag actgagataa aatcaaagcc acaattanng 60
agacgacana gagngagaga anaganncat aaagtantga gtgagatcan gaaagaaaat 120
ggagatgtaa agattttact gaaaagtggg aaggagaaac caaaaacaaa tatagaa 177

<210> 1174
<211> 169
<212> DNA
<213> Mus musculus

<400> 1174
ttaaaatcaa agacaaaatt aaagagaaag acaaagagag agagaaaaag aagcataaag 60
taatgagtga gatcaagaaa gaaaatggag atgtaaagat ttactgaaa agtgggaagg 120
agaaacccaaa aacaaatata gaagacttac aaattgaaaa agtaaaaaa 169

<210> 1175
<211> 203
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(203)
<223> n = A,T,C or G

<400> 1175
gcttctgggg acctcctgct taagtcagac tgagcnaaaa tcaaagacaa aattaaagag 60
aaagacaaag agagagagaa annngaagca taaagtaatg agtgagatca agaaagaaaa 120



tggagatgta aagatTTTTgc tgaaaagtgg gagggagaaa caaaaaacia atatagaaga 180
cttaciaaatt aaaaaagtaa aaa 203

<210> 1176
<211> 172
<212> DNA
<213> Mus musculus

<400> 1176
ttccccctgtg ccaccactct gggcctttta atgccaagaa agaattcagc cgcagaagac 60
cttggagatg gtggcggacg tgcagaatga tgcctggacc ttgccttaac catggacccc 120
gccacccaa acccttccgt agcactaaag ttcgtggact gaaaaaaaaa aa 172

<210> 1177
<211> 103
<212> DNA
<213> Mus musculus

<400> 1177
gtctcagaag tcagaagagg tcagtcagct cccctgggtg agctggagct acaagcaact 60
gtgaaaacta ctctgcatat tactcttcaa agcagtaac aag 103

<210> 1178
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)
<223> n = A,T,C or G

<400> 1178
tgagactgag cttggctgan gagaataaaa ctgagcagga ggtgggtggag ggaatggata 60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtcc 120
ccagccctcc acattcctcc aatggccatt cgccccaaaga ctcatccacg agccccatta 180
aaaaaaaaa 189

<210> 1179
<211> 170
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(170)
<223> n = A,T,C or G

<400> 1179
gagaataaaa actgagcagg aggtgggtgga gggaatggat atctctactc gctccaaaga 60
tcctgtctct acagagaana cggccccgaa acggaagtcc cccagccctc cacattcctc 120
caatggccat tcgccccaaag actcatccac gagccccatt aaaaaaaaaa 170

<210> 1180
<211> 187
<212> DNA
<213> Mus musculus

<400> 1180
agactgagct tggctgagag aataaaaaact gagcaggagg tgggtggaggg aatggatatc 60
tctactcgct ccaaagatcc tgtctctaca gagaaaacgg ccccgaaacg gaagttcccc 120
agccctccac attcctccaa tggccattcg cccaagact catccacgag ccccatataa 180
aaaaaaa 187

<210> 1181
 <211> 157
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(157)
 <223> n = A,T,C or G

<400> 1181	
gcacaccgca cagaattgcc aattcaggaa gtgttctgat tgggaatcca tatacccctg	60
caccgcant ggtcactcac actcacatag ctgangctgc tggcctgggt tcccagtgat	120
ggaaaacgag ctagagaatt tatagactct ggttttt	157

<210> 1182
 <211> 189
 <212> DNA
 <213> Mus musculus

<400> 1182	
gactgagctt ggctgaagag gaaataaaaa ctgagcagga ggtggtggag ggaatggata	60
tctctactcg ctccaaagat cctgtctcta cagagaaaac ggccccgaaa cggaagtctc	120
ccagccctcc acattctctc aatggccatt cgcccaaga ctcatccacg agccccatta	180
aaaaaaaaa	189

<210> 1183
 <211> 255
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(255)
 <223> n = A,T,C or G

<400> 1183	
gaacacacaa tacagcattc caagaaaacc ncntgctgtg aaggagcaag ataccacacg	60
gactctngnn ttggacttgn agntttttca cagggtctca naancctcac acaggcttcn	120
cggaccatgt ncnnncaatg ggaacaccnn acctcggaat ctgagcacag agcagcatgg	180
cgggaaacta ttgcactaca gctttctgta tcaggagaaa anggaganga gttctccttg	240
cttgcacaaa gtgga	255

<210> 1184
 <211> 111
 <212> DNA
 <213> Mus musculus

<220>
 <221> misc_feature
 <222> (1)...(111)
 <223> n = A,T,C or G

<400> 1184	
catatacccc tgcacccgca atggtcactc atactcacat anntgaggct gntgnctggg	60
tctcccagng atanaaaacg agctagagaa tttatagact ctgatttttc a	111

<210> 1185
 <211> 251
 <212> DNA
 <213> Mus musculus

<220>



<221> misc_feature
<222> (1)...(251)
<223> n = A,T,C or G

<400> 1185
gactgagtga gaaagganag tgcaaagctg tgtccatttt cctccattct gtgatgttcc 60
ctggaatcac tgcttcagta aacttaactg tgagtagata tacgctgagt catcaaagtc 120
cccaaaactga atccccaac ttaagcatgg ccttggggac ctccaacccc cccactgcaa 180
tgagaaatgt actttgtggg acaggatgag ggaagaatac atgacaatca aattcctttt 240
aaaaaaaaa a 251

<210> 1186
<211> 215
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(215)
<223> n = A,T,C or G

<400> 1186
ttagtacacg ggtccacaat acccttttcc tattaaacct tctttaccgg ctacttntgg 60
ttggaggntt agaagggagg ttgaagnaga caacaaancc tcaataacgt ggtctnagtg 120
naaaganaag acaaaaanttg gcaagctcat cattacattg ggtaagaaac acaagagaag 180
gaacgagtct tccgatgagc tgccgatgcc gagca 215

<210> 1187
<211> 254
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(254)
<223> n = A,T,C or G

<400> 1187
gactgagctc caggaggaga ctggtaaaca gcgtgagaat gatcgggact ggggacactg 60
cagatgtttt ctgttccng tcttgttttg ctgaaagcgg nttacacagn cactctctcc 120
tagtctttt ccaggcagac agaacacagg ggactggcca tgttctctcc cccaccccca 180
cccgccatgc atccttcagt ttgactctgn catctattgc ttgaatgatt aaagcgaaat 240
cagataaaaa aaaa 254

<210> 1188
<211> 519
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(519)
<223> n = A,T,C or G

<400> 1188
aagtactgag gccctaccac ttgggtctggc cctgctccag cttgacaata gcaagaaagc 60
ttcggcagga agatgaggga gaagcgtcat ctcagaaggc ccctgaaggc ctcacaggaa 120
catgactcag gccgtgactg cagccagca cttcgggagg cccacagctt gctgactcag 180
gctctctcca cccaggtct aatttccagg gcctcgagga agagttccc agggagacaa 240
tgctcctcac aggaagtngg acaagcaagg aagcagagcc ttcgcccctc cagctgactg 300
agaaggctga gcatggcttg gcctgcgttc ccattagcaa acaaggacac aggggcttcc 360
ctgaaacaca tcatcatccc agagcagaga caaaggactg ccccgatag agaggagacc 420
ttctaggtcc atagacaaat ggctgtttat aaaggtaaaa ggggaaaccc tgtgttagga 480



tgaggtgtnn aattttaatt ggacatgtta cttaggtac

519

<210> 1189
<211> 288
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(288)
<223> n = A,T,C or G

<400> 1189	
gactgagcgc tgcaagtagc cctgtgtttt catctgggta tggccactcc tgtgagactg	60
agctccatgg cccaggaccc ctaaacacag gcttgtcttc ctgcagata gacagccatc	120
ttggacttcc caaacgctg catactttcc ctccggagaa gccagggtc ttgtgggtgg	180
tgtcccccn tccccaaaca cccctttaat aactgtttac aacttttaaa aatcagcttt	240
gagataatga gatacacttt aagtaaaaat acacttcaac catctaaa	288

<210> 1190
<211> 102
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(102)
<223> n = A,T,C or G

<400> 1190	
gaactgaggc tggagaggng gntcaacggt taagggtgcc anctgntctt ntgaagggtc	60
tgagttcang tcccagnenc cacatgatcg ggtcacaaca at	102

<210> 1191
<211> 200
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(200)
<223> n = A,T,C or G

<400> 1191	
ttactttttg tggaactctc aaagggtcga caggagacat ggagtggntc catatatcta	60
ntgcctcgac ntngatncaa ttngagctcg ctgccctgca gancgnngtt cctattctga	120
antnctatt gtgtnacaaa ttntaaggan cttgtngacc tgcaggcntt gcaagctaca	180
ggagggtcgg acggtttgag	200

<210> 1192
<211> 539
<212> DNA
<213> Mus musculus

<400> 1192	
actgaggtgt gagactacgc tgcacaaaga cccagctctt ggaagcggaa gacttcctga	60
agtcttcaca aagacagcac ttctcaaaga aaggaatgga acagctttgc tccctggctt	120
cctggetggg acctgcatca ggactgatac cggttgagga tagtggttac cagtcacggt	180
tgttgccctta caagtcctac ggcaactgtt actgtctttg tgtttctgtc accccagggt	240
tgtgtgtata ctgcacacag aagctccatc aaaccctgaa aacctgactg actgactcca	300
ggctgacttt acaagggtga gcagctgtat aagggtgatgc tggccgcctt gtcagctcct	360
ggagttacag tagacttttt tctttcaggc caggctgatc ttgacctaca aggccttctg	420
cttcaacctc tgaagtgtg ggaattatag gtgtgtgccca ccacaccag cctgtatttg	480



ggtttgaacc cccatgatca cccatcatct cagtctacct agaatgccag cgtctccca 539

<210> 1193
<211> 123
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(123)
<223> n = A,T,C or G

<400> 1193
gcacttggca ctcactctta accagcactg gggatcttac tggtcctggg gcccccgacc 60
tccnnttntg gccgggtgga cacaggcgct ctaacaccgg atggngaggc tccacttgag 120
gac 123

<210> 1194
<211> 364
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(364)
<223> n = A,T,C or G

<400> 1194
tgaggctgaa ctcacaggaa tcaaattggct gtaggtacaa ttttggaggg cacgggggact 60
gtggacccat aatttcagcc ccagcccaag atgatccaat cctgttaagt ttcattccgct 120
gtctgcaagc caacctgctg tgtgtatggc gtcgtgatgt caagccagat tgcaaagagc 180
tctggatatt ctgggtgggga gatnaccna cctnanggga nnaannnnntt atnaactngn 240
nggnaaggat ttttantttt tttaaaanan attnatatnn nnttntgctg ccgccacctc 300
atgtnnnttg cttgcctgen ttcctttcat gtgagatgac cacagctggc ctccagcctc 360
cata 364

<210> 1195
<211> 346
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(346)
<223> n = A,T,C or G

<400> 1195
tacacccgga acagatctgn ggcnnngcatc aggcgcgcga tgtactccat gcannccctcc 60
tcttccatac agtatctgga tgtatggctt gaagagttag cctgaactgg cacatncggc 120
aaanaacagc acctgntacc tccagattcc aggcgcttcc cacaccaccc aagcgaggaa 180
gcctttnaag gggaggatcc tgagcctcag agagtcattg cacacgcaca cgcacacgca 240
cacacacaaa atcccgtaac caggaacaag gagatctgga gaaggccacc ctccggatca 300
tttgggttgc gactgtcaag atatctgaga ttggggggga gggtat 346

<210> 1196
<211> 162
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(162)
<223> n = A,T,C or G



<400> 1196
tgaggcggtt ctttgcaaat aacagcttgg aggcgacact cgcgaggaggaa acgaggettg 60
cacggagtag ccagctcgcc ngcccnccc ccagggactc tgggtgctgaa gaccctcgcc 120
ctccgcccgg tttcggaatt actggtttta aaatcgaaat ca 162

<210> 1197
<211> 413
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(413)
<223> n = A,T,C or G

<400> 1197
gactgaggct ccttggtatt aacttctgca agnctgtatc accagcctct gttagaaagt 60
cctcctgcgt ccaagaaaag tgatttttct aaagatgctg tagttcggca gttacctttg 120
aataaaaacag aagagaacaa cgcacccaaaa gcanntgacn tctttatttc tcaanacacc 180
atgggnacag anagatgctc tgacaacctg ttntaaagca aaaagctcag agcatgcctg 240
tgtttaaggc ggcgaaagaa catntttttg aacnacnca gnacggagaa aantactgtg 300
gctnaggaga ctgannctcc nccantaagn atcggancag ntacagctgt ggggttgcgac 360
nactgccgct gccatcgcan cagcagctcc tttgatcaag gtacagagcg att 413

<210> 1198
<211> 151
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(151)
<223> n = A,T,C or G

<400> 1198
aactcgctct gtagactagg ctggcctgga actcagagag gaccganaca ggctgactcc 60
atgacaggct tcaaactggg agttgtggag actagaccta aatttctagg cctgggcaag 120
actgttcaag tcggttacta aataaaaaaa a 151

<210> 1199
<211> 230
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(230)
<223> n = A,T,C or G

<400> 1199
gaggctggct gctttgacaa cttatcagat tctttattag tggtaaaact gaaccggaac 60
cgaattagca tgattccacc caaggctctc aagctgcctc atctccagtt cttagaactg 120
gaacataata nccttacagg agtgaacagg gggnggctat atggcttgng aatgttacag 180
cnaactgnata tgagccagaa tggctattga aaantcagcc ccggtgcatg 230

<210> 1200
<211> 189
<212> DNA
<213> Mus musculus

<220>
<221> misc_feature
<222> (1)...(189)



<223> n = A,T,C or G

<400> 1200
tcagcacctg cccaccagta atggaactna cttnaagcat acagncgctc ctctcttgnt 60
catggccagg nngcaagacg cagngacaac gcttgatgnc agatgccggt nttagnana 120
ccnagcnntg ccnagaggcc tggcctccgn gcatcaggat gagancaaag agaacgactg 180
ggactggcc 189

<210> 1201

<211> 324

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(324)

<223> n = A,T,C or G

<400> 1201
tactgagcct atatgaaaac atctttaata tggactggag tgatggttta gtgggaagat 60
cacctgccat gcaagcacga aggctggagt ttgacccac agaatgcagt ctgtaatcga 120
gagtctctgg aagctcgtgg gccgggtgta tgaagtgggt acgagatcct gtcttaaacc 180
agntagaagg taagggtaga caccagagat tgttctttga cctctataca catgcggtgg 240
cacatggaca actgtacaca cataaacaca aacatattaa catacacaaa tattaataaa 300
agatgtggga gaatgaaaaa aaaa 324

<210> 1202

<211> 515

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(515)

<223> n = A,T,C or G

<400> 1202
attactgatg aacgggtactc cacgttatcg ccagcatcgc cctcacctcn acgtgggact 60
cgccgaagga tgcccaccat cccangagga tctngccaac cctcacaagg cgnnagcaan 120
anccnccgca caccgcgcgc tncagcaaaag agganaatcn attcatactg aggtnatcnc 180
nacagagnat ttgcttggcn cgccaatatc ccnccgttct tctgctcctc cgtattaang 240
cannacttta gnnggggagt cccacttggg catacccttc ttnacactca ggngcagctt 300
ttgctagccg gngcaaacct cacagccagg gggaggcctt tgtggacatn ttctccttca 360
nnetgctttg atntcctctg gangnanggc caaggtncca agccttntna nttctccac 420
cctaaaantt tttagcacgt tccctgtatt gacaccctgt tactcggnaa nanaangctc 480
ttncttacaa ctgcttccaa ccctacagac cacct 515

<210> 1203

<211> 338

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(338)

<223> n = A,T,C or G

<400> 1203
gactgaggtg ggggtctttcc cctggcttcc tctgctgggc ctcacctoct tgctgacact 60
gaagaagcaa aagaattgag aaatctgggg cagctgtgng aatgcacact gctgaggagg 120
agcagccctt ggtaacttgg caagctggta gctcgctcgc tcgctcagcc gaatgggctg 180
aatgagtggg ccagagcctg agcgtgagcc ggagcccagg gtgcccattg gtatcaccca 240
gccagaggta aaagggcctg gatgtctggg aggtgggana aagggttagta gattcaanag 300



gccaatgcct nactttgggc caaaaagaaa tacattgg

338

<210> 1204

<211> 316

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(316)

<223> n = A,T,C or G

<400> 1204

gactgaggtg	ctgctgtctg	gactcattgg	tgttgtttcc	tggaagaggg	ctctctcgtc	60
tgtgattacc	tncttnatgc	tgtntcgcnc	agtngcnnng	atgctcaacc	tgcccggtac	120
natcctctcc	tgncagaacg	gccagntng	gtcanctncc	tcaaaggcta	gccagtngat	180
naagtgtga	cagtngtgga	ggtntngcgt	atagnngtcn	agctgnanna	ccactnatte	240
ggatgcagga	actctcgggg	agacactgaa	gcttgaaccc	actagcagga	aaactgtaac	300
gctgtgcggc	tgacct					316

<210> 1205

<211> 212

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(212)

<223> n = A,T,C or G

<400> 1205

gcctccggcc	tcccctccaa	acctgcgggt	tcacctggat	gcacagggac	aggtgctgca	60
gaaacctggg	atcacttgac	atcgggtggg	accaccacac	cagccacaca	gaccttctac	120
ttcctggtac	ctccagaggg	tgaggtgggg	acctttctcc	aggcaaaaaga	gaaccagag	180
ttagcgggan	gtggaggcag	aatgacttta	at			212

<210> 1206

<211> 141

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(141)

<223> n = A,T,C or G

<400> 1206

gatctgtgtt	gaccangtc	ttgngggagc	aaaagcatgg	gtaggagtga	cgacgncngn	60
ganagcttgg	anaagagatn	tcagacttac	cttggntnag	cgnnaccaat	tattggctta	120
tatgaagaaa	tggggagagt	c				141

<210> 1207

<211> 407

<212> DNA

<213> Mus musculus

<400> 1207

tgagggtatac	tctgacaccc	agttcatcac	tgtgacagcc	cagtggagca	ctgtgacatc	60
acagtggagt	tatgacacaa	caatggagca	ttgtgacacc	acagtggagt	tctgagccac	120
cactctgaag	cactgtgaga	aaacattaca	gcactcttac	atcatcctgg	agcactggaa	180
cagtgcagtg	tacctctgtg	ataccacagt	ggagcactgt	gacaccaaag	tgagcactg	240
tgacaccaaa	gtggagcact	gtgacagcca	gtggaccact	gtgacataac	agtggagtac	300
tgtgacacaa	tactcgagca	ctgtgacaga	accgtggagt	tctgagtcac	cactgtgcag	360

cactgtgaca aaatattaca gcagtgttac accttcaaaa aaaaaaa

407

<210> 1208

<211> 305

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(305)

<223> n = A,T,C or G

<400> 1208

tccacacatg	cagcagctga	ggggctttat	agatcactaa	ttncngtcca	acgaatggnn	60
acantccact	tggtgncttt	cnagnntcna	gcaccaactc	nccaacacnn	atnttaccgn	120
naaccttngg	gccaananat	agncgatacg	ctggacccca	aatgattata	nancncacgc	180
ncttgagaat	tgccaattca	ggaagtgttg	ttgantgnga	atccatatac	nnctgcaccc	240
gcaatggcca	ctcanactca	catagctgag	gctgctggct	gggttcccag	taaacgaagc	300
aaaaa						305

<210> 1209

<211> 104

<212> DNA

<213> Mus musculus

<220>

<221> misc_feature

<222> (1)...(104)

<223> n = A,T,C or G

<400> 1209

atgagcggga	ccgagtgcga	aanaaacatt	caccaagtgg	gtcatcaaac	actngatgaa	60
ggncncang	cncagagcta	gaangcataa	tagatatgca	catt		104